

GRAIN DEALERS JOURNAL

Published on the 10th and 25th of each month in the interest of progressive Grain Dealers

Vol. XXXII. No. 6.

CHICAGO, ILL., MARCH 25, 1914.

PRICE \$1.50 PER YEAR
TEN CENTS PER COPY

McKENNA & RODGERS
COMMISSION MERCHANTS
SHIPPERS CORN OATS
60 Board of Trade Chicago

WILL SELL FOR YOU WILL SELL TO YOU
WILL BUY FROM YOU
CORN
Any Grade Any Amount Any Route
E. STEEN & BRO., BALTIMORE, MD.

STEELE-BRIGGS
SEED CO., LTD. TORONTO, ONT.
SEEDS
ALSIKE, RED CLOVER, TIMOTHY, CAN.
BLUE GRASS, FLAX, OATS
CORRESPONDENCE SOLICITED

P. B. & C. C. MILES
ESTABLISHED 1875
INCORPORATED 1910
PEORIA, ILL. Handling Grain on Commission
OUR SPECIALTY

James E. Bennett & Co.
400-405 Postal Telegraph Bldg., CHICAGO
Grain Shipments and Future
Orders Solicited.
ST. LOUIS PEORIA
211 Chamber of Commerce 324 So. Washington St.

Tyng, Hall & Co.
GRAIN COMMISSION
Correspondence Solicited
Peoria, Ill.

The Ady & Crowe
Mercantile Co.
WHOLESALE GRAIN AND HAY
1900 Fifteenth St., DENVER, COLORADO

COW PEAS
FOR PLANTING
Car lots or less.
RONEY & CO., MEMPHIS, TENN.

WHEAT
CORN **ATS** **RYE**
J. A. Manger & Co.
216-218 Chamber of Commerce, Baltimore, Md.

Established 1877
LANGENBERG BROS. & CO.
ST. LOUIS, MO.
Grain and Hay Commission
Branch Offices, New Orleans, La.

Goffe & Carkener
Grain Commission
St. Louis Kansas City

COURTEEN SEED CO.
RED-WHITE-ALSIKE-ALFALFA
Clovers, Timothy
MILLETS, GRASSES, ETC. GRAIN BAGS
Milwaukee, Wis.

THE GALE BROS. CO.
CINCINNATI, OHIO
WANT YOUR BUSINESS
GRAIN—HAY—FEED
TRY US

CONSIGNING ANY GRAIN TO

BUFFALO?

TRY

DUDLEY M. IRWIN

1117 Chamber of Commerce, BUFFALO, N. Y.

Elevator and Mill Supplies

Elevator Boots, Heads and Casings, Belts, Chains, Buckets and Bolts, Shafting, Shaft Bearings, Couplings and Collars, Pulleys, Gears, Sprocket Wheels and Sheaves, Complete Rope Transmissions, Car Loaders, Car Pullers, Car Movers, Power Grain Shovels for Unloading Cars, Bag Fillers, Trucks.

COMPLETE EQUIPMENTS FOR HANDLING GRAIN AND OTHER MATERIAL. SEND FOR CATALOG

H. W. CALDWELL & SON CO.

CHICAGO: 17th Street and Western Ave.

New York: Fulton Building, 50 Church Street

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed.

AMARILLO, TEX.

Early Grain & Elevtr. Co., whol. grain, hay, seeds.
Plains Grain Co., E. S. Blasdel, grain, field seeds.

ATCHISON, KANS.

Blair Elevator Co., receivers and shippers.*

ATLANTA, GA.

Gregg & Son, J., wholesale brokers, grain, hay.*

AUGUSTA, GA.

Lamb & Hollingsworth, flour, grain, provisions.*

BALTIMORE, MD.

Chamber of Commerce Members.
Blackburn & Co., C. P., grain recvrs., exporters.*
Dennis & Co., grain merchants.*
England & Co., Chas., grain, hay.*
Fahey & Co., John T., gr'n receivers & expt's.*
Gill & Fisher, receivers and shippers of grain.*
Hammond, Sider & Co., Inc., receivers, expt's.*
Hax & Co., G. A., grain, hay, seeds.*
Herzer & Son, Gustav, grain, seeds, hay.*
Jones & Co., H. C., grain and hay.*
Lederer Bros., grain receivers.*
Manger & Co., J. A., grain, seeds, hay.*
Steen & Bro., E., hay and grain.*

BLOOMINGTON, ILL.

Baldwin Grain Co., brokers.
Hasenwinkle Grain Co., grain brokers.
O'Neil & Gyles, grain brokers.

BOSTON, MASS.

Chamber of Commerce Members.
Benzquin, Matthew D., grain brokerage, com'n.*
Littlefield Co., Henry, commission merchants.
McLean Alpine Co., The, grain and hay.*
Ranlet Co., The D. W., grain and mill feed.

BOURBON, IND.

Delp Grain Co., E. E., grain and mill feed.

BUFFALO, N. Y.

Corn Exchange Members.
Alder-Stofer Grain Co., grain commission.*
Buffalo Cereal Co., grain.*
Burns Grain Co., grain commission.*
Churchill Grain & Seed Co., buyers, shippers.*
Doorty-Ellsworth-Inc., brokerage & commission.
Eastern Grain Co., receivers & shippers of grain.*
Electric Elevtr. & Mfg. Co., recvrs. and shippers.*
Harold, A. W., grain, barley a specialty.
Heathfield & Co., Inc., W. G., strictly commission.
Heinold, John G., grain and feed.
H. O. Company, manufacturers of cereals.*
Irwin, Dudley M., barley.
Lewis Grain Co., salvage & sample grade grain.
Pierce, Geo. E., Wheeler elevators.*
Ratcliffe, S. M., consignments solicited.
Seymour Grain Co., commission merchants.
Townsend-Ward Co., grain commission.*
Urmston Grain Co., grain commission.*

BUSHNELL, ILL.

Cole, G. W., grain broker.

CAIRO, ILL.

Board of Trade Members.
Antrim & Co., H. O., receivers and shippers.*
Halliday Elevator Co., corn, oats.*
Hastings Co., Samuel, receivers and shippers.
Magee Grain Co., grain.*
Thistlewood & Co., grain and hay.

CEDAR RAPIDS, IA.

Cedar Rapids Grain Co., receivers and shippers.

CHAMPAIGN, ILL.

Baldwin & Co., H. I., grain brokers.
Edwards, A. H., grain broker.
Johnson & Co., C. E., grain brokers.

CHICAGO, ILL.

Board of Trade Members.
Anderson & Co., W. P., grain commission mchts.
Armour Grain Co., grain buyers.*
Bailey & Co., E. W., grain commis'n merchants.*
Bartlett & Co., Finley, grain, stocks, provisions.*
Bennett & Co., Jas. E., commission merchants.*
Brennan & Carden, grain and seeds.
Carhart Code Harwood Co., grain commission.*
Cowan Co., W. S., commission, grain and seeds.
Oughton & Lister, grain commission.*
Delany, Frank J., grain commission.
Dole & Co., J. H., grain and seeds.*
Fitch & Co., Walter, W. K. Mitchell, Mgr.*
Fraser Co., W. A., grain commission.*
Freeman & Co., Henry H., grain, hay, straw.
Gerstenberg & Co., grain, seeds.*
Holt & Co., Lowell, commission, grain and seeds.
Hooper Grain Co., receivers, shippers.*
Lamson Bros. & Co., consignments solicited.*
Lipsey & Co., grain commission.*
McKenna & Rodgers, commission merchants.*
Merritt Co., W. H., grain, seeds.*
Mumford & Co., W. R., grain, hay, millstuffs.*
Nash-Wright Grain Co., grain, prov., seeds.*
Norris & Co., grain merchants.*
Nye & Jenks Gr. Co., commission merchants.
Paynter, H. M., grain and field seeds.
Perrine & Co., W. H., grain and commission.

CHICAGO—Continued.

Press & Co., W. G., grain, provisions, stocks, etc.
Quaker Oats Co., buyers of grain.
Quinn, Geo. B., grain commission.
Rang & Co., Henry, grain commission.
Rogers & Bro., H. W., grain and seeds.
Rogers Grain Co., buyers and shippers.
Rosenbaum Bros., receivers, shippers.*
Rosenbaum Grain Co., J., receivers and shippers.
Rothschild Co., D., barley and malt.
Rothschild Co., The Moses, general grain com'n.
Rumsey & Company, grain commission.*
Sawers Grain Co., grain commission.*
Schiffin & Co., P. H., commission.*
Sincere & Co., Chas., N. Y. stocks, Chicago grain.
Shaffer & Co., J. C., grain merchants.*
Somers, Jones & Co., grain and field seeds.*
Thayer & Co., Clarence H., commission.
Udike Commission Co., grain commission.*
Vehon & Co., M. L., grain commission.
Wagner Co., E. W., receivers and shippers.*
Ware & Leland, grain seeds.

CINCINNATI, O.

Chamber of Commerce Members.
Allen & Munson, grain, hay, flour.*
Blumenthal, Max, grain, barley a specialty.*
Brown & Co., W. L., consignments.
Cincinnati Grain Co., commission merchants.
Emrick Co., The C. S., grain, hay, feed.
Fitzgerald Bros. Co., strictly commission.*
Gale Bros. Co., grain, hay, feed.*
Granger & Starry Grain & Hay Co., gr. and hay.
Gray, Ralph, receiver and shipper.
Union Gr. & Hay Co., grain buyers & commiss'n.*
Van Leunen & Co., Paul, consignments.*
Whitcomb & Root, grain, hay, millfeed.

CLARKSBURG, W. VA.

Alexander Brokerage Co., H. C., grain, hay brokers.

CLEVELAND, O.

Abel Bros., hay, grain, feed.
Bailey, E. I., grain and millfeed.*
Cleveland Grain Co., The, receivers and shippers.*
Gates Elevator Co., receivers and shippers.
Kemper, J. P., grain, hay and millfeed.
Sheets Bros., Elevtr. Co., The, grain, hay, straw.
Shepard, Clark & Co., grain, hay and straw.*
Star Elevtr. Co., receivers, grain, hay, straw.*
Strauss & Co., H. M., grain, seeds, hay, straw.*

COLORADO SPRINGS, COLO.

Seldomridge Grain Co., grain dealers.

COLUMBUS, O.

Buckeye Grain & Mfg. Co., grain, hay & feed.

CRAWFORDSVILLE, IND.

Crabbs-Reynolds-Taylor Co., grain, seeds.*

CUMBERLAND, MD.

Marley & Co., grain and hay distributors.

DAVENPORT, IOWA.

Interior Grain Co., buyers and sellers of grain.

DECATUR, ILL.

Smith & Co., F. P., grain brokers.

DENVER, COLO.

Board of Trade Members.
Ady & Crowe Mercantile Co., grain, hay.*
Longmont Farmers Mill & Elevtr. Co., flour, grain.
Scott, E. E., broker, grain, cottonseed, meal, bags.

DES MOINES, IA.

Des Moines Elevator Co., receivers and shippers.
Lockwood Grain Co., E. A., grain & millfeeds.*
Squires Grain Co., S. E., grain merchants.*
Taylor & Patton Co., buyers and shippers.*
Wright & McWhinney, grain com'n merchants.

DETROIT, MICH.

Board of Trade Members.
Dumont, Roberts & Co., receivers, shippers.*
H. M. Hobart & Son, grain, hay, millfeeds.*
Lapham & Co., J. S., recvrs. & shippers of grain.*
Caughy-Swift Company, grain buyers.*
Simmons & Co., F. J., grain, hay and straw.*

DULUTH, MINN.

Johnson-Olson Gr. Co., grain commission.

FORT WORTH, TEX.

Grain and Cotton Exchange Members.
Dorsey Grain Co., receivers, shippers.
King-Douglas, W., grain, feedstuff & brokerage.
Kolp, E. R. & D. C., grain and seed dealers.*
Werner Wilkens Grain Co., receivers & shippers.

FRANKFORT, IND.

Frank & Co., Wm., grain brokers.*

GALVESTON, TEX.

Board of Trade Members.
Fordtran, J. S., grain commission merchant.
Jockusch, Davidson & Co., grain, hay, exporters.
Wisrod Grain Co., wholesale grain eltr., facilities.

GREENVILLE, O.

Grubbs Grain Co., E. A., track buyers.*

INDIANAPOLIS, IND.

Board of Trade Members.
Belt Elevtr. & Feed Co., receivers and shippers.
Boyd, Bert A., Indianapolis commission man.*
Files-Thomson Co., field seeds & grain.
Jordan and Company, wholesale grain.
Kinney Grain Co., H. E., receiver and shipper.*
Minor, B. B., grain consignments solicited.
Mutual Grain Co., grain commission.*
Reliance Grain Co., recvrs. & ship's hay & grain.
Shotwell & Co., C. A., grain, flour, feed.
Witt, Frank A., grain commission & brokerage.

JACKSON, MICH.

Stockbridge Elevator Co., grain, beans, hay.

KANSAS CITY, MO.

Board of Trade Members.
Barrett Grain Co., grain commission.
Beach Grain Co., grain commission.*
Benton Grain Co., screenings and seeds.
Clay Grain Co., F. B., grain commission.*
Croysdale Grain Co., grain commission.
Davis & Co., A. C., grain commission.*
Denton Kuhn Gr. Co., consignments.*
Ernst-Davis Grain Co., commission.*
Fisher Com. Co., E. D., grain commission.*
Fisher Gr. Co., C. V., receivers & shippers of gr.*
Fox-Miller Grain Co., receivers and shippers.
Goffe & Carkener, recvrs. and shprs. of grain.*
Hinds Grain Co., The, receivers, shippers.
Houston Carpenter Gr. Co., cash & futures, grain.
Logan Bros. Grain Co., grain commission.*
Lonsdale Grain Co., grain merchants.*
Moffatt Commission Co., grain.*
Moore-Seaver Grain Co., receivers and shippers.*
Moore-Lawless Grain Co., grain receivers.*
Morrison Grain Co., grain merchants.
Nicholson Gr. Co., W. S., grain commission.*
Norris Grain Co., grain merchants and exporters.
Roanham Grain Co., E. E., grain, flour, millfeed.*
Russell Grain Co., hay our specialty.
Shannon Gr. Co., consignments solicited.*
Steele & Co., H. H., grain and seeds.*
Terminal Elevators, receivers, shippers.*
Thresher Fuller Grain Co., grain commission.*
Vanderslice-Lynds Co., grain commission.*

KENTLAND, IND.

McCray, Morrison & Co., track buyers.*

KOKOMO, IND.

Dutchess, Owen A., grain broker & track buyer.
Farnsworth, F. H., grain broker and track buyer.

LA FAYETTE, IND.

Heinmiller, F. G., track buyer of grain.

LOUISVILLE, KY.

Board of Trade Members.
Bingham-Hewett Grain Co., recrs. & shprs. grain.*
Callahan & Sons, receivers and shippers of grain.*
Edinger & Co., grain, hay, flour.
Fruechteicht, Henry, hay, grain, mill products.
Thomson & Co., W. A., corn, oats and rye.
Verhoff & Co., H., receivers and shippers grain.*

LYNCHBURG, VA.

Moon-Taylor Co., grain and hay brokers.

MEMPHIS, TENN.

Merchants Exchange Members.
Brown & Co., W. F., wholesale grain & hay.*
Buxton, E. E., broker and commission merchant.
Clark, Burkle & Co., grain & hay dealers.
Davis & Andrews Co., grain dealers.*
Horton & Co., J. B., grain & hay commission.
Scruggs-Robinson Co., brokers & com. merchants.
U. S. Feed Co., corn, oats, hay, consignments.
Webb & Maury, grain and hay.*
Wyatt, E. W., grain, hay and millfeed broker.

MERCER, MO.

Alley Grain Co., oats, corn, wheat, seeds.*

MERIDIAN, MISS.

McInnis, A. H., broker, gr., hay, cottonseed pdts.

MIDDLE POINT, O.

Pollock Gr. Co., trk. byrs., ear corn, oats, straw.

MILWAUKEE, WIS.

Chamber of Commerce Members.
Bartlett & Son Co., L., grain commission.*
Donahue-Stratton Co., grain dealers.*
Ellsworth, B. G., grain consignments.*
Hadden Co., E. G., grain commission mchts.*
Johnstone & Templeton, grain commission.
Kamm Company, P. C., barley and rye.*
Lauer & Co., J. V., grain commission.
Owen & Co., O. C., grain commission merchants.
Owen & Brother Co., grain commission.
Rankin & Co., M. G., shippers, corn, oats, barley.
Rialto Elevtr. Co., grain receivers & shippers.
Stacks & Kellogg, grain merchants.

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed.

MINNEAPOLIS, MINN.

Chamber of Commerce Members.
Benson-Newhouse-Stabeck Co., grain commission.*
Brown Grain Co., grain commission.*
Carter, Sammis & Co., grain commission.
Cereal Grading Co., grain merchants.
Davies & Co., F. M., grain commission.*
Gatchell-Tanton Co., grain commission.
Gould Grain Co., grain merchants.
Hankinson & Co., H. L., grain commission.
Malmquist & Co., C. A., grain commission.
Marfield Grain Co., grain commission.*
McCaull Dinsmore Co., consignments solicited.*
McDonald & Wyman, grain commission.*
Poehler Company, H., grain commission.*
Quinn Shepherdson Co., grain commission.*
Stair, Christensen & Timmerman, gr. commission.*
Turtle & Co., grain commission.
Van Dusen-Harrington Co., grain merchants.*
Welch Co., E. L., grain commission.*
Wyman & Co., C. C., grain commission.*
Zimmerman, Otto A., barley specialist.*

MOBILE, ALA.

Kimbrough Co., E. H., grain buyers.*

NASHVILLE, TENN.

Rose, Caswell E., corn, oats, hay, feedstuffs.

NEWARK, N. J.

Smith & Wallace Co., J. C., receivers, shippers.

NEW CASTLE, PA.

Hamilton, C. T., hay, straw, grain, millfeed, pro.

NEW YORK CITY.

Produce Exchange Members.
Brandt, Robert G., grain broker.*
Forbell & Co., L. W., grain commission.*
Kusch & Schwartz Co., oats, corn, wheat.
Robinson, G. B., Jr., grain and millfeeds.
Yellowlee, R. A., & Co., grain commn. mchts.*

NORFOLK, VA.

Cofer & Co., J. H., wholesale grain.
LeGrand & Burton, grain and hay brokers.*

NORTH MANCHESTER, IND.

Kinsey Bros., grain, hay & seed merchants.

OKLAHOMA CITY, OKLA.

Kolp, E. R. & D. C., grain and seed dealers.

OMAHA, NEB.

Grain Exchange Members.
Beal-Vincent Grain Co., receivers, shippers.*
Cavers Elevator Co., receivers and shippers.*
Crowell Elevator Co., receivers, shippers.*
Holmquist Elevator Co., receivers and shippers.*
Huntley, E. E., broker.
Imperial Mfg. Co., grain consignments.
Iowa Elevator Co., receivers and shippers.
Kern, C. E., grain broker.
McCaull-Dinsmore Co., grain.
Merriam Commission Co., consignments.
Omaha Elevator Co., receivers, shippers.*

OMAHA—Continued.

Saunders-Westrand Co., receivers and shippers.
Thresher, E. R., grain broker.
United Grain Co., grain commission.
Uplike Grain Co., grain commission.
Weekes Grain Co., receivers and shippers of grain.

PEORIA, ILL.

Board of Trade Members.
Arnold & Co., F. W., grain consignments solicited.
Bowman & Co., Geo. L., grain commission.
Buckley, Pursley & Co., grain and seeds.*
Dewey & Sons, W. W., grain commission.*
Grier & Co., T. A., grain commission.*
Miles, F. B. & C. C., grain commission.*
Mueller Grain Co., receivers and shippers.*
Rumsey, Moore & Co., grain receivers.*
Tyng, Hall & Co., grain commission.*

PHILADELPHIA, PA.

Commercial Exchange Members.
Baringer, M. F., grain and millfeed.*
Delp Grain Co., E. E., grain and millfeeds.*
Dunwoody Co., Ezl., flour, grain, feed.*
Lemont & Son, E. K., hay, grain, millfeed.*
Miller & Sons, L. F., grain, seeds, hay.*
Pultz & Co., J. B., grain and feed.*
Richardson Bros., grain, flour, millfeeds.*
Richardson, Edw. M., grain and feeds.*
Standard Hay & Grain Co., grain, hay & straw.
Stites, A. Judson, grain and millfeed.

PIQUA, OHIO.

Kress Co., The Harry W., trk. buyers, gr. & hay.*

PITTSBURG, PA.

Members Grain and Hay Exchange.
Austen Bros., grain, hay and millfeed.*
Elwood & Co., R. D., hay and grain.*
Foster, C. A., grain, hay, feed.*
Geldel & Dickson, grain and hay.*
Hardman & Heck, grain, hay and millfeed.*
Heck & Co., W. F., grain, hay and millfeed.*
Herb Bros. & Martin, grain and hay.*
Mahood Hay & Grain Co., hay, corn & oats.*
McCaffrey's Sons Co., Daniel, hay, gr'n, millfeed.*
McCague, R. S., grain, hay.*
Seavey & Clark, grain, hay & millfeed.*
Smith & Co., J. W., grain, hay, feed.*
Stewart, D. G., & Geldel, grain, hay and feed.*
Walton Co., Sam'l, grain and hay.*

*PONTIAC, ILL.

Balbach, Paul A., grain buyer, all markets.
Worth, W. A., cash grain.

PUEBLO, COLO.

McClelland Met'l I. & R. Co., grain, hay & feed.

RICHMOND, VA.

Adams Gr. & Prov. Co., grain, feeds, seeds.
Beveridge & Co., S. T., grain, hay, feeds, seeds.
Southern Brokerage Co., grain, hay, feeds & seeds.

SIoux CITY, IOWA.

Board of Trade Members.
Fields & Slaughter Co., grain, hay and feed.
Flanley Grain Co., grain commission.
Iowa-Dakota Gr. Co., grain & com. merchants.

SIoux FALLS, SO. DAK.

German Grain Co., buyers and shippers.

ST. JOSEPH, MO.

Gordon Comm. Co., T. P., grain dlr. and broker.*

ST. LOUIS, MO.

Merchants Exchange Members.
Bushfield & Co., J. A., grain brokers.
Elmore Schultz Gr. Co., revrs. & shprs. grain.
Goffe & Carkener Co., grain commission.*
Graham & Martin Grain Co., grain commission.*
Green Commission Co., W. L., grain.*
Langenberg Bros. & Co., grain commission.*
Morton & Co., grain, hay and seeds.
Nanson Commission Co., grain commission.*
Parker & Beardsley Com. Co., grain & grass seed.*
Toberman, Mackey & Co., consignments solicited.*
Turner Grain Co., grain commission.

STREATOR, ILL.

Mills & Clifford, grain merchants.

TERRE HAUTE, IND.

Kuhn & Co., Paul, receivers and shippers.*

TIPTON, IND.

Urmston Grain Co., receivers and shippers.

TOLEDO, O.

Produce Exchange Members.
De Vore & Co., H. W., grain and seeds.*
Goemann Grain Co., grain buyers.*
King & Co., C. A., grain, clover, seed.*
Paddock-Hodge Co., The, receivers & shippers.
Rundell & Co., W. A., grain and seeds.*
Southworth & Co., grain and seeds.*
Wickenhiser & Co., John, revrs. & shippers of gr.
Zahn & Co., J. F., grain, seeds.*

TRINIDAD, COLO.

Bancroft-Marty Feed & Produce Co., hay & grain.

WASHINGTON, D. C.

Craig, J. V., hay and grain broker.*

WINCHESTER, IND.

Goodrich Bros. Hay & Grain Co., shippers.

WINFIELD, KANS.

Hayes & Co., John, wholesale grain.

WINNIPEG, MAN.

Bawlf Grain Co., The N., oat shippers.
Matheson Lindsay Grain Co., grain commission.
Richardson & Sons, Ltd., James, grain shippers.

*Members Grain Dealers National Association.

SIoux CITY GRAIN EXCHANGE MEMBERS

IOWA-DAKOTA GRAIN CO.

Grain and Commission Merchants

FURNISHING GRAIN TO MILLS AND INTERIOR POINTS A SPECIALTY

Write or Wire for Prices. SIoux CITY, IA.

Flanley Grain Company

GRAIN COMMISSION

We solicit consignments and we make high track bids. Phone or wire us for bids, also or delivered prices.

OFFICES:—SIoux CITY, IOWA OMAHA, NEB.

MEMBERS:—Omaha Grain Exchange

Sioux City Board of Trade

Milwaukee Chamber of Commerce

CLARK'S Car Load Grain Tables

Seventh Edition Revised and Enlarged

WITH these tables you can quickly check up all reductions and detect and prevent errors, which in the car lot business are liable to run into the hundreds of bushels. Largest and most complete car load reduction table ever published. Five new tables have been added and a set of tables for Malt is included in this new edition. RANGE—Oats and Cotton Seed (32 lbs.), 7 tables, from 20,000 to 97,000 lbs. Malt (34 lbs.), 5 tables, from 20,000 to 75,000 lbs. Barley, Buckwheat and Hungarian Grass Seed (48 lbs.), 7 tables, from 20,000 to 97,000 lbs. Corn, Rye and Flax Seed (56 lbs.), 9 tables, from 20,000 to 118,000 lbs. Wheat, Clover, Peas and Potatoes (60 lbs.), 9 tables, from 20,000 to 118,000 lbs. The number of bushels in any weight of grain within the numbers specified above are given in bold face type, the remaining pounds in light face type. Pounds are printed in red and bushels in black. PAPER—These tables are printed on durable heavy linen ledger paper and bound in leather covers with marginal index Price, delivered, \$2.50.

GRAIN DEALERS JOURNAL 315 So. La Salle St., CHICAGO ILLINOIS

CIPHER CODES

We carry the following cipher codes in stock and can make prompt delivery

Robinson's Cipher Code, leather	2.00
Hay and Grain Cipher Code	1.00
A. B. C. Code, 5th Edition	7.00
Baltimore, Export Cable Code	8.00
Companion Cable Code	5.00
Riverside Code, 5th Edition	3.00
Universal Grain Code	3.00
American Seed Trade Assn.'s Code	2.00
Stewart's International Code	.25

For any of the above, address

GRAIN DEALERS JOURNAL, 315 So. La Salle St., CHICAGO, ILL.

PITTSBURGH GRAIN AND HAY EXCHANGE MEMBERS

You Know

Established in 1872

all about Pittsburgh; its wonderful shipping facilities; its prominence as a grain center. Now what you want to know is some good commission firm to handle your grain in this good Eastern market.

We are in better position than any other firm in this market to get you good prices and prompt returns. Try us on your next car.

D. G. STEWART & GEIDEL

Proprietors Iron City Elevator
—the only fireproof one in Pittsburgh

PITTSBURGH, PA.

MINNEAPOLIS CHAMBER OF COMMERCE MEMBERS

The VAN DUSEN-HARRINGTON Co.
GRAIN COMMISSION

Write for prices and samples. We solicit your consignments and futures business.

Minneapolis Winnipeg Duluth

SHIP TO
H. POEHLER CO.
EST. 1855
GRAIN COMMISSION
MINNEAPOLIS DULUTH

H. L. HANKINSON & CO.
GRAIN COMMISSION
Solicit Your Consignments
MINNEAPOLIS
MILWAUKEE DULUTH

Fancy Oats

Suitable for Seed
also

Marquis Wheat

CARGILL COMMISSION CO.

Minneapolis
Dealers in all kinds of Grain

F. H. Davies & Co.
GRAIN COMMISSION.
MINNEAPOLIS DULUTH

GOULD GRAIN CO.

We give consignments our preferred attention. Market letter FREE.

MINNEAPOLIS, MINN.

Cereal Grading Co.

W. T. FRASER, Vice Pres., & Mgr.

GRAIN MERCHANTS

20 Years Experience in assembling and distributing Choice Rye for milling and distilling trade. Largest Rye handlers in the West. Also shippers of

Choice Milling Wheat, Oats, Barley and Screenings. Operating Elevator L.

No. 3 Chamber of Commerce
MINNEAPOLIS, MINN.

YOU

Can find no present more acceptable to the progressive grain dealer than a paid up subscription to the Grain Dealers Journal of Chicago.

Carrying money to the bank becomes a habit with Advertisers who regularly use the advertising pages of the GRAIN DEALERS JOURNAL.

GRAIN BOOKS

G.F.

OLSON PRINTING CO.

CASH TICKETS SCALE TICKETS

STORAGE

316-318 4th Ave. So., Minneapolis, Minn.

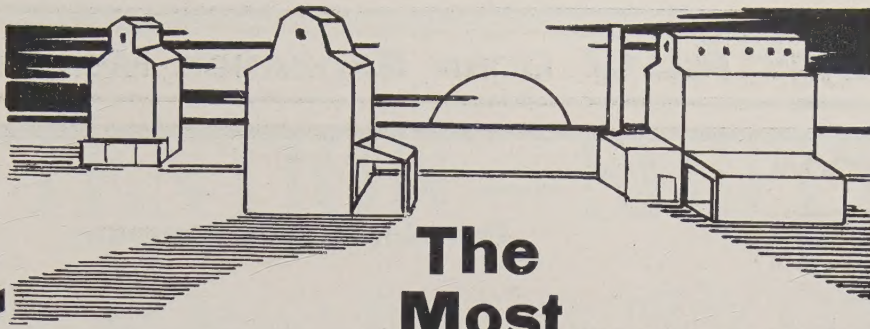
E. L. WELCH, Pres. and Treas.

T. H. WELCH, Secy.

E. L. WELCH COMPANY
GRAIN COMMISSION.
MINNEAPOLIS AND DULUTH.
Consignments solicited—give us a trial

Certain Departments

in this number of the GRAIN DEALERS JOURNAL are especially interesting. After you have read them, consider carefully whether you are not better off with the twenty-four numbers of the Journal, on your desk, or the dollar and fifty cents in your pocket.



The Most Successful

Elevator or Warehouse at this station is the one that
Ships its

GRAIN or HAY To PITTSBURGH

It offers advantages and facilities to shippers of grain and hay excelled by no other market. Its district is one of the most compact yet largest consuming of forage crops in our country. Within a radius of fifty miles are many of the largest industries, constant consumers who maintain high market prices. Pittsburgh's railways include three of the largest trunk lines reaching Western territory, and these provide handling yardage for over six hundred cars. A strong and helpful Grain and Hay Exchange, with accurate and efficient weighing department, and an honest and reliable grain inspection assured, makes a possibility of better returns, more satisfactory service and larger profits to the shipper. Will you be among the fortunate who see "the light" and realize the benefits. Do it by trying any of the following members of the Pittsburgh Exchange.

**McCaffrey Sons Co., Daniel
McCague, R. S.
Seavey & Clark
Smith & Co., J. W.
Stewart, D. G., & Geidel
Walton Co., Samuel
Austen Bros.**

**Elwood & Co., R. D.
Foster, C. A.
Geidel & Dickson
Hardman & Heck
Heck & Co., W. F.
Herb Bros. & Martin
Mahood Hay & Grain Co.**

—bill it to Pittsburgh.

BUFFALO CORN EXCHANGE MEMBERS

When consigning
Buffalo bill to

Urmston Grain Company

For cash offers en route or
track, wire Tipton Indiana.

The Townsend-Ward Co.

Chamber of Commerce, BUFFALO, N. Y.

We are in position to give "Help"
to all consignors of grain and as for
facilities, "WE got 'em."

A. W. HAROLD**GRAIN BARLEY A Specialty**

717 Chamber of Commerce,

BUFFALO, N. Y.

CAIRO BOARD OF TRADE MEMBERS

MAGEE GRAIN CO. Request daily card bids
CAIRO, ILL. Sell or Consign Us

Halliday Elevator Company

Cairo, Ill. St. Louis, Mo.

Consignments Solicited

Write Us

Experience, Capacity, Up-to-date methods
assure **you** service such as **you** want.

YOUR MESSAGE

Let the Grain Dealers Journal your message bear
To progressive grain dealers everywhere.

ATTENTION --- SHIPPERS

WE ARE READY FOR YOUR NEW CORN

IS THE
REAL LIVE
MARKET



FOR
GRAIN
SHIPMENTS

THE BUFFALO MARKET

RENDERS PROMPT SERVICE

RENDERS EFFICIENT SERVICE

A SHIPMENT TO **BUFFALO** GUARANTEES SATISFACTION

Alder Stofer Grain Co., Grain Commission
Buffalo Cereal Co., Buyers White and Yellow
Corn, White Oats
Burns Grain Co., Grain Commission
Churchill Grain & Seed Co., Consignments
Eastern Grain Co., Receivers and Shippers of
Grain
Electric Elevator & Milling Co., Consignments,
Wheat, Corn and Oats

Heathfield, Wm. G. & Co., Strictly Commission
The H. O. Company, H-O, "Force," "Presto"
Lewis Grain Co., Salvage and Sample Grade
Grain
Pierce, G. E., Wheeler Elevators
Ratcliffe, S. M., Grain Commission
Seymour Grain Co., Commission Merchants
Doorty-Ellsworth Co., Inc., succeeding O. G.
Spann Grain Co., Strictly Brokerage and
Commission
Urmston Grain Co., Grain Commission

OMAHA GRAIN EXCHANGE MEMBERS**CAVERS ELEVATOR COMPANY**
OMAHA, NEB.

Buy, Sell, Handle Consignments,
Grain and Hay, make Pure Corn
Chops, Sack grain, quote prices de-
livered any R. R. station.

Imperial Milling Co. Elevator

Office, Brandeis Bldg., Omaha, Neb.

We buy and sell Grain, Sack Grain,
and Solicit Consignments.

CROWELL ELEVATOR COMPANY

Receivers and Shippers

GRAIN

Consignments Solicited
OMAHA

SERVICE

IS WHAT YOU WANT

WIRE US FOR PRICES ON ALL
KINDS OF GRAIN AND CHOPS

Cavers Elevator Co., Omaha

E. E. HUNTLEY**GRAIN BROKER**

Reference: Any Bank or ELEVATOR Firm in Omah
Correspondence Solicited

"All We Know Is Consignments"

MERRIAM COMMISSION CO.

Brandeis Bldg.

GRAIN

OMAHA

Omaha and the Updike Grain Co.

are one to the man who has tried and
knows where and to whom to bill his

Grain Consignments

"More-than-satisfactory-service"

A GOOD FIRM

TO TRADE WITH

**SAUNDERS-WESTRAND
ELEVATOR CO.**

CONSIGNMENTS
GIVEN PERSONAL ATTENTION

RECEIVERS and SHIPPERS OF
GRAIN

OMAHA
NEB.

PHILADELPHIA COMMERCIAL EXCHANGE MEMBERS

Lemont knows the man who wants your
grain. There is only one profit between
you and him. That is our commission.

E. K. LEMONT & SON

388-90 Bourse Bldg. Philadelphia, Pa.

E. E. DELP GRAIN CO.

ELEVATOR AND MILLS
BOURBON, INDIANA

Eastern Office, Philadelphia, Pa.

CORN and oats in split cars find a
ready market here.

M. F. BARINGER THE BOURSE 502-3-4 PHILADELPHIA

L. F. MILLER & SONS

CONSIGNMENTS SOLICITED

Receivers and Shippers of
GRAIN, FEED, SEEDS, HAY, ETC.

Office 2931 N. Broad Street, PHILADELPHIA, PA

MILWAUKEE CHAMBER OF COMMERCE MEMBERS**Grain Dealers**

It is no speculation to ship us your
grain. It's a sure thing you will be
satisfied.

L. BARTLETT & SON CO.
Milwaukee Chamber of Commerce

STACKS & KELLOGG**GRAIN MERCHANTS**

480 Commerce St. MILWAUKEE, WIS.

We also handle all grades of chicken feed wheat, feed
barley, screenings, off-grade and damaged grain.

Operating Private Elevator

**TRY
M. G. RANKIN & CO.**

on consignments of

Barley, Rye, Corn, Oats

First Floor, Chamber of Commerce

MILWAUKEE

CHICAGO

MINNEAPOLIS

J. V. LAUER & CO.

Grain Commission

BARLEY A SPECIALTY

Ship us your
next car.

Chamber of Commerce
MILWAUKEE, WIS.

Shippers

in the Northwest read this page;
your "ad" will be read too if you
place it here.

**E. G. HADDEN CO.
FUTURES**

WHEAT, CORN AND OATS
DAILY and WEEKLY PRIVILEGES

Chamber of Commerce, Milwaukee, Wis.

Send for our Put and Call Circular.

CHICAGO BOARD OF TRADE MEMBERS

PHILIP H. SCHIFFLIN
President

EUGENE SCHIFFLIN
Sec'y and Treas.

Philip H. Schifflin & Co.
(INCORPORATED)

Commission Merchants
GRAIN, SEEDS and PROVISIONS

515-518 Postal Telegraph Bldg.,
Tel. Harrison 833 **CHICAGO, ILL.**

OUR BUSINESS

isn't so big that we can't give each individual consignment all the personal attention necessary to sell it to the best advantage.

We can give a few more accounts the best there is in us. Let us place your grain to arrive.

ROSENBAUM BROTHERS

"THE RESULT GIVERS"
77 Board of Trade, CHICAGO, ILL.

Receivers and Shippers
OF

**Grain
Seeds
Provisions**

E. W. BAILEY & CO.

Commission Merchants
72 Board of Trade Chicago, Ill.

NORRIS & CO.

GRAIN MERCHANTS

Room 42 Board of Trade
Telephone Harrison 627 **CHICAGO**

Consignments and hedging orders solicited

Owners and operators of the Norris Elevator, Chicago

Frank W. Hotchkiss-Howard Lipsey

Managers Domestic Shipping and Receiving Department

CONVINCE YOURSELF

That our promises regarding quick and satisfactory service are of chilled steel, rather than pie-crust variety.

W. H. PERRINE & CO.

Grain Merchants
311-314 Postal Telegraph Bldg., Chicago, Ill.

CONSIGNMENTS

Always Given Prompt Attention; Future Orders Carefully Executed.

Our organization is complete. We will aim to serve you well.

UPDIKE

Commission Company

Postal Telegraph Building, Chicago

C. H. THAYER & CO.

Your Consignments and Future Orders Solicited

175 W. Jackson Blvd. - - CHICAGO

Henry H. Freeman & Co.

COMMISSION MERCHANTS

GRAIN HAY STRAW

66 BOARD OF TRADE, CHICAGO

W. H. MERRITT CO.
Grain Buyers and Shippers

CORRESPONDENCE SOLICITED

87 Board of Trade, Chicago, Ill.

**WE
HAVE
CONVINCED OTHERS**

that we are the one firm to handle consignments as shippers wish consignments to be handled.

A trial car convinces YOU. Send us your consignments or offer us to-arrive lots.

"Barley — Our Specialty"

The MOSES ROTHSCHILD CO.

Incorporated

GENERAL GRAIN COMMISSION

915 Postal Telegraph Bldg.
CHICAGO

Wm. Simons
President

Consignments Solicited.

We place grain to arrive.

Geo. L. Stebbins
Secretary
S. E. Squires

Warren T. McCray
Vice-President

Future orders given personal attention.

Edgar E. Rice
W. A. Werner
Representatives

SAWERS GRAIN CO.
CHICAGO

909-920 POSTAL TEL. BLDG.
TELEPHONE, HARRISON 1504

RUMSEY & COMPANY
RECEIVERS OF
RESPONSIBILITY & CONSIGNMENTS
CHICAGO
ONSERVATISM

CHICAGO BOARD OF TRADE MEMBERS

FOR BEST RESULTS SHIP YOUR GRAIN AND SEEDS TO

J. H. DOLE & COMPANY

RECEIVERS AND COMMISSION MERCHANTS

226 South La Salle Street

CHICAGO, ILL.

H. W. Rogers

J. C. Rogers

H. W. ROGERS & BRO.GRAIN, SEED AND PROVISIONS
COMMISSION MERCHANTS

522 Western Union Bldg. CHICAGO

H. W. Rogers, Pres. J. C. Rogers, Vice-Pres.

ROGERS GRAIN COMPANY

Buyers and Shippers of Grain.

References: Corn Exchange National Bank
First National Bank.

522 Western Union Building CHICAGO

Nye & Jenks Grain Co.

Grain and Commission Merchants

907-913 Postal Telegraph Bldg.

CHICAGO ILL.

YOU WANT SERVICE?

H. M. PAYNTER

522 Western Union Bldg., Chicago

HAS IT

11 business done thru H. W. Rogers & Bro.

ESTABLISHED 1870
W. R. MUMFORD & CO.
HAY GRAIN
AND MILL STUFFS
COMMISSION MERCHANTS
437 POSTAL TEL. BLDG., CHICAGO

L. J. LAMSON

W. A. LAMSON

L. F. GATES

LAMSON BROS. & CO.GRAIN
1874 COMMISSION 1914
MERCHANTSForty Years of Service in the
Grain Trade

HOME OFFICE

6 Board of Trade, CHICAGO

Hooper Grain Co.**OAT
SHIPPERS**Operate Atlantic and Grand
Trunk Western Elevators
CHICAGOJ. Herbert Ware
Edward F. Leland
CONSIGN
your Grain and Seeds, and
send your orders for **GRAIN,**
PROVISIONS and **STOCKS** to
Ware & Leland160 WEST JACKSON BLVD.
Royal Insurance Bldg., CHICAGO

Long Distance Phones

Wabash 3262

Your Interests Are Our
Interests**ARMOUR GRAIN COMPANY**
CONSIGNMENTS SOLICITED

We are Fully Equipped in Every Way to Give Best Service in Chicago

137 S. LA SALLE ST.

CHICAGO

WALTER FITCH

LEEDS MITCHELL

W. K. MITCHELL

JOHN H. ASHUM

WALTER FITCH & COMPANYMAKE A SPECIALTY OF CONSIGNMENTS
AND ALSO SOLICIT ORDERS FOR FUTURES

651-59 Insurance Exchange, CHICAGO

**J. ROSENBAUM GRAIN
COMPANY**

(Incorporated)

GRAIN MERCHANTS

CHICAGO, - ILLINOIS

**TERMINAL
ELEVATORS**

KANSAS CITY, MISSOURI

If you have failed to find a logical connection
between your consignments and more satis-
factory returns, a trial car of grain or seeds to**HENRY RANG & CO.**

will disclose the missing link.

Traveling Representatives—

W. R. Hyde
J. R. Murrel**GRAIN AND SEEDS**

Barley a Specialty

230 S. La Salle St.
CHICAGOGood Execution Keeps Customers
Keeping Customers is Our Business**W. G. PRESS & CO.**

GRAIN, PROVISIONS, STOCKS

175 W. Jackson Blvd., CHICAGO

Write for Daily Market Report,
Mailed free.35 Years Active Member Chicago
Board of Trade

CHICAGO BOARD OF TRADE MEMBERS

SOMERS, JONES & CO.

**COMMISSION MERCHANTS
GRAIN AND FIELD SEEDS**

Consign your **GRAIN** and **SEEDS** to us for close personal attention and best possible results. We are fully prepared to give the best of service on consignments and on orders for future delivery.

Ship us that next car.

Send for our market letters.

**CHICAGO
MILWAUKEE
MINNEAPOLIS**

Make drafts on us and address all correspondence to us at

82 Board of Trade, CHICAGO.

THE QUAKER OATS Co.

MILLERS

WHEAT CORN OATS BARLEY RYE

SEND SAMPLES

1600 RAILWAY EXCHANGE
GRAIN DEPARTMENT

Chicago

ST LOUIS PEORIA
W.A. FRASER Co.
Consignments and
Future Delivery Orders Solicited
Suite 715 Royal Ins. Bldg. **CHICAGO**

GEO. B. QUINN
GRAIN COMMISSION
65 Board of Trade **CHICAGO**
Telephone Harrison 571

**BUSINESS IS BUSINESS
FRIENDSHIP IS FRIENDSHIP**
But the big thing is SERVICE
Consign to us and Our Service
will create a friendship of
the lasting kind

F.M. BAKER & CO.
GRAIN COMMISSION
822 Webster Building
327 So. La Salle St., **CHICAGO**
L. D. Phone Wabash 5010

**Record of C. N. D.
QUOTATIONS**

Quotation Record, Form 97A, is formed of sheets of bond paper ruled to facilitate the recording of daily market prices of different options.

Each sheet is headed "Board of Trade Quotations for Week Commencing Monday,..... 19.." Columns are provided for 4 Wheat options, 4 Corn and 4 Oats; have spaces for the market hourly and at close. Closing prices for previous week are listed at top.

Sixty sheets, 9½x9½ inches, are well bound in book form—a year's supply. Price 75 cents.

GRAIN DEALERS JOURNAL
315 S. La Salle Street **Chicago, Illinois**

Finley Barrell & Co.

**GRAIN
PROVISIONS**

203 S. LA SALLE ST., **CHICAGO**
*Our Weekly Grain Letter Mailed Upon
Application.*

J. C. SHAFFER & CO.
GRAIN MERCHANTS

234 So. La Salle St., **CHICAGO**

Lipsey & Company

Receivers of

GRAIN — SEEDS

307-308 Postal Telegraph Building
CHICAGO, ILL.

ACCOUNT BOOKS FOR SALE
BY
GRAIN DEALERS JOURNAL, CHICAGO

DETROIT BOARD OF TRADE MEMBERS

Dumont, Roberts & Co.

Solicit Your Detroit Consignments

Receivers and Shippers

Chamber of Commerce **Detroit, Mich.**

**The paper the Grain Dealer
supports, because it supports
the Grain Dealer—**

GRAIN DEALERS JOURNAL

CAUGHEY-SWIFT COMPANY

SUCCESSORS TO

Caughey & Carran Co. and McLane, Swift & Co.

GRAIN and SEED MERCHANTS

The consolidation of two of Michigan's oldest grain firms gives to Detroit a new concern equipped in every manner for the best results.

701-5 J. Henry Smith Building

DETROIT, MICH.

KANSAS CITY BOARD OF TRADE MEMBERS**E. E. ROAHEN GRAIN COMPANY**

Top Notch Service on Consignments.

WICHITA, KANSAS**KANSAS CITY, MO.**

R. J. THRESHER, Pres. L. A. FULLER, Secy.

Thresher Fuller Grain Co.
Grain Commission Merchants
Consignments SolicitedGrain Bought and Sold for Future Delivery
311 Board of Trade KANSAS CITY, MO.**A. C. DAVIS & CO.**

Grain Commission

Mill Orders a Specialty
Consignments and Future Orders Solicited
KANSAS CITY, U. S. A.We Have Real Selling Ability.
Use it for your Consignments.**W. S. NICHOLSON GRAIN CO.**

Established 1895

310 Board of Trade KANSAS CITY

*Hay There! Grain Too!
Consign us please—
Russell Grain Co.
Kansas City, Mo.***KANSAS CITY THE HIGHEST CORN
AND OATS MARKET**

CONSIGN TO US or Ask For Bids

MOORE-LAWLESS GRAIN CO., Kansas City, Mo.**SHANNON GRAIN CO.**Consignments Solicited
KANSAS CITY, MISSOURI**The Moffatt
Commission Co.**

KANSAS CITY, MO.

HEADQUARTERS FOR
Kaffir Corn and Milo Maize

WRITE US FOR QUOTATIONS

Kansas City's
onsignment
ompany**ERNST-DAVIS
GRAIN COMPANY**Special Attention
Given Futures

MEMBERS

Kansas City Board of Trade.
Chicago Board of Trade.
St. Louis Merchants Exchange.

C. W. LONSDALE, President

LONSDALE GRAIN CO.

GRAIN MERCHANTS

KANSAS CITY, MO. Operators of CHICAGO,
GREAT WESTERN ELEVATOR**WINNIPEG GRAIN EXCHANGE MEMBERS****Jas. Carruthers & Co.**

Limited

**GRAIN
EXPORTERS**

NEW YORK, MONTREAL and WINNIPEG

CORRESPONDENCE SOLICITED

Reference, THE DOMINION BANK

CANADIAN GRAINAnything in the line of wheat,
oats, barley or flax for Feed or
Seed purposes.

WRITE our nearest office.

**JAMES RICHARDSON &
SONS, Limited**KINGSTON WINNIPEG TORONTO
CALGARY VANCOUVER QUEBEC**The N. Bawlf Grain
Company, Ltd.**

WINNIPEG, MANITOBA

Own and operate country elevators in
Manitoba and Saskatchewan.We are shipping large quantities of
Oats daily into the U. S. and if you are
a purchaser of Oats you cannot do
better than communicate with us for
prices, etc.Our long experience and different con-
nections assure you the best of results.

REFERENCE: The Bank of Toronto.

RAILROAD CLAIMS BOOKis designed to facilitate the making of claims against railroads and keeping a com-
plete record of claims filed. Form 411-5 contains 100 originals and 100 duplicates of
five different forms, arranged so that a carbon copy can be kept of each claim, as follows:

- 60 Copies—Form A. Loss of weight in transit.
- 10 Copies—Form B. Loss in market due to delay.
- 10 Copies—Form C. Loss in quality due to delay in transit.
- 10 Copies—Form D. Loss in market value due to delay in furnishing cars.
- 10 Copies—Form E. Overcharge in freight.

Order Form 411-5. Price \$1.25.

For filing and keeping a duplicate of claims against railroads for Loss o. Weight
in Transit only, use Form 411-A. Each book contains 100 originals and 100
duplicates. Price \$1.25.**GRAIN DEALERS JOURNAL,****315 S. La Salle St., CHICAGO, ILL.**

GET THE

**New Robinson's Cipher
Revised Edition**

with 1912 Supplement

An absolute necessity to every grain dealer in
active business today. Do not waste money by
trying to do business with out of date editions.Printed on good paper, bound in
full leather with gilt edges,
\$2.00. Cloth \$1.50.**GRAIN DEALERS JOURNAL**
315 So. La Salle St., CHICAGO, ILL.

ST. LOUIS MERCHANTS EXCHANGE MEMBERS

W. L. GREEN COMMISSION CO.
ST. LOUIS

RECEIVERS
SHIPPERS
EXPORTERS
IMPORTERS

ENERGY and Sagacity coupled with Ability and many years of active experience in the handling of grain and hay is what we have to offer you for your shipments to this market.

Maybe you are satisfied with your present connections here, but so often old associates grow rusty and feel they have your business cinched. Try us and compare our work to any house here, is all we ask.

Wheat, Corn, Oats and Hay Our Specialty

JONES-WISE COM. CO.

St. Louis, Mo.

Over twenty years active experience in the business.

Toberman, Mackey & Co.

Receivers and Shippers of

HAY AND GRAIN

"Fastest Growing Commission House in U. S."

Can handle your Consignments at St. Louis and Kansas City.

ST. LOUIS

KANSAS CITY

MORTON & CO.
GRAIN - HAY - SEEDS
COMMISSION ONLY
Merchants Exchange, ST. LOUIS, MO.

When you see it in the
JOURNAL
help us by saying so

GOFFE & CARKENER CO.

105-107 Merchants Exchange

RECEIVERS
GRAIN, HAY & SEEDS
SAINT LOUIS

W. C. GOFFE
D. S. CARKENER
D. C. MARTIN, JR.

K. C., MO., Omea,
101-102 Board of Trade

"THE
Consignment House
OF

ST. LOUIS"

FOR THE SALE OF

GRAIN, HAY, AND GRASS SEEDS

PICKER & BEARDSLEY

COMMISSION COMPANY

118 NORTH MAIN ST.

WE CAN

furnish your needs in this and any other markets in any phase of the grain business.

IF YOU

will furnish us with your order or your CONSIGNMENTS we guarantee satisfaction.

Elmore-Schultz Grain Co.

Consignments Solicited.

433 Pierce Bldg.

ST. LOUIS, MO.

NANSON COMMISSION CO.

(INCORPORATED)

GRAIN and HAY

Write us for full
information on
St. Louis Markets

202 Chamber of Commerce
ST. LOUIS

Consignments
a Specialty

If What You Want you see advertised, tell the advertiser. If Not--Tell the Journal

DES MOINES GRAIN MERCHANTS

C. A. WRIGHT W. F. McWHINNEY
WRIGHT & McWHINNEY
Grain Commission Merchants
Receivers and Shippers
Track Bids. DES MOINES, IOWA

B. A. LOCKWOOD GRAIN CO.

Grain and Mill Feeds

Tel. Walnut 3202

710 Youngerman Bldg.

Des Moines, Iowa

TAYLOR & PATTON CO.

Buyers and Shippers of

GRAIN

FEEDER TRADE OUR SPECIALTY
DES MOINES, IOWA

Clark Brown

S. E. Squires

S. E. SQUIRES GRAIN CO.

Hubbell Bldg., Des Moines

SAWERS GRAIN CO.

Grain Commission

Chicago, Ill.

DES MOINES ELEVATOR CO.

RECEIVERS AND SHIPPERS

GRAIN

Terminal Capacity 450,000 Bushels

DES MOINES,
IOWA

OATS

AND

CORN

A SPECIALTY

NEW YORK PRODUCE EXCHANGE MEMBERS

GRAIN COMMISSION MERCHANTS Since 1874.
Give us a Trial Shipment.
R. A. Yellowlee & Co., 4 Stone Street, New York City

L. W. FORBELL & CO. COMMISSION MERCHANTS 342 Produce Exchange
GRAIN AND MILL FEED; OATS A SPECIALTY NEW YORK CITY
Consignments Solicited.

Keusch & Schwartz Co., Incorporated
PRODUCE EXCHANGE POSTAL TELEGRAPH BLDG.
NEW YORK CHICAGO

Robert G. Brandt

Grain Broker

424 Produce Exchange
New York

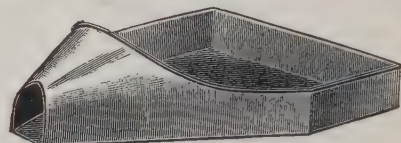
BALTIMORE CHAMBER OF COMMERCE MEMBERS

CHAS. ENGLAND & CO.
Commission Merchants
GRAIN :: HAY :: SEEDS
308-310 Chamber of Commerce, BALTIMORE

CONSIGNMENTS A SPECIALTY
JOHN T. FAHEY & CO.
Commission Merchants
Grain Receivers and Shippers
In the Market every day
Remember us on Rye BALTIMORE, MD.

Established 1882
G. A. HAX & CO.
COMMISSION
Grain, Hay and Seeds
445 North Street BALTIMORE, MD.

Read the Advertising pages.
They contain many stories of interest.
The *Grain Dealers Journal* pre-
sents only reputable concerns.

GRAIN SAMPLE PAN

For Examining Samples of Grain and Seeds.
Made of Aluminum, strong, light and well made.
Will not Rust or Tarnish.

Grain Size, 2½x12x16½ inches.....\$1.50
Seed Size, 1½x9x11 inches.....\$1.25
GRAIN DEALERS JOURNAL, 315 S. La Salle St., Chicago

PEORIA BOARD OF TRADE MEMBERS

MUELLER GRAIN COMPANY
Receivers and Shippers
GRAIN & HAY
Consignments Solicited. Track Bids Made on Request
Room 39 Chamber of Commerce, Peoria, Ill.

RUMSEY, MOORE & CO.
GRAIN COMMISSION
Board of Trade PEORIA, ILL.
Your Consignments solicited—Personal attention—
Quick Returns to all. Ask for Our Bids

BUCKLEY, PURSLEY & CO.
Commission Merchants
GRAIN AND SEEDS
10 Chamber of Commerce PEORIA, ILL.

RECEIVERS

who want to reach the regular grain
dealers of the country use space in
the GRAIN DEALERS JOURNAL.

GEO. L. BOWMAN & CO., GRAIN COMMISSION Peoria, Ill.

BOSTON CHAMBER OF COMMERCE MEMBERS

MATTHEW D. BENZAQUIN
GRAIN AND FEED
Brokerage and Commission
DOMESTIC AND EXPORT
505 Chamber of Commerce, Boston, Mass.

The D. W. RANLET CO.
708 Chamber of Commerce, BOSTON, MASS.
Cash buyers of all kinds of grain, for the
New England Territory, Sample wheat,
barley, screenings, oat-feed, malt sprouts,
etc., specialties. We solicit correspondence

HENRY LITTLEFIELD CO.
(Incorporated)
COMMISSION MERCHANTS
609 Chamber of Commerce, Boston, Mass.
Shippers' Agents and Brokers
FLOUR, GRAIN, FEED AND HAY

**DO
YOU**

GRAIN DEALERS JOURNAL,
Chicago, Ill.

Gentlemen:—Herewith is draft covering Help Wanted adv. in
your classified column. This adv. certainly **Produced Results**, as we
are having answers from all wheat growing sections of the United
States. Yours truly,

THE RUSSELL MILLING COMPANY

Russell, Kansas

**NEED
HELP.**

RECEIVERS, SHIPPERS AND BROKERS.

McCRAE, MORRISON & COMPANY
Shippers of Corn and Oats
WHOLESALE GRAIN DEALERS
When you want QUICK SERVICE, HIGH QUALITY and SATISFACTORY PRICES in this line, consult us.
None are more able to give you this than we.
Correspondence Solicited. **KENTLAND, INDIANA**

E. A. GRUBBS GRAIN CO.
Greenville, Ohio

Wants Correspondence with members of the Grain Dealers National in Ohio, Indiana and Illinois. We want strictly sound winter wheat, yellow shelled corn and re-cleaned white oats.

W. A. THOMSON & CO.

Receivers and Shippers of

GRAIN

Louisville - - - - Kentucky

Paul Kuhn & Co.

Receivers and Shippers of

GRAIN

Terre Haute and Evansville, Ind.

Chicago Grain & Salvage Co.

DEALERS IN

SALVAGE GRAIN

Grain, Feed, Etc.

WRITE OR WIRE

TRADERS BLDG., CHICAGO

KINSEY BROS.

GRAIN, HAY and SEED MERCHANTS

Field Seeds a Specialty

NORTH MANCHESTER, INDIANA

E. F. Shepard O. W. Trapp Chas. G. Clark
Shepard, Clark & Co.

301 Commercial Bank Bldg., CLEVELAND, O.

GRAIN HAY STRAW

Gluten Feed Empire State Grains Mill Feed

E. I. BAILEY

CLEVELAND, OHIO

Receiver and Shipper of
Corn, Oats, Millfeed

ASK FOR PRICES

"STOCKBRIDGE SERVICE SATISFIES"

BUYERS AND SHIPPERS OF

GRAIN, HAY, BEANS AND WOOL

Stockbridge Elevator Co.

JACKSON, MICH.

BALDWIN GRAIN COMPANY

GRAIN BROKERS

BUYERS OF CAR LOTS

R. C. BALDWIN, Mgr. BLOOMINGTON, ILL.

WHEN "SEEDY"

Try

C. A. KING & CO.

Toledo Leads World

JOHN WICKENHISER & CO.

Wholesale Grain Dealers

TOLEDO, OHIO

We make track bids and quote delivered prices. Solicit Consignments of Grain and Clover Seed. Members Toledo Produce Exchange and Chicago Board of Trade

JORDAN & COMPANY

WHOLESALE GRAIN

623 Board of Trade Bldg. Both Telephones 18

We operate our own Terminal Elevator at Indianapolis.

INDIANAPOLIS INDIANA

CEDAR RAPIDS GRAIN CO.

CEDAR RAPIDS, IOWA

FEEDER CORN A SPECIALTY — EITHER EAR OR SHELL

Few Cars of Choice Elevator Dust. Ask for samples. Ask for prices delivered anywhere.

THE MUTUAL GRAIN CO.

INDIANAPOLIS, IND.

COMMISSION & BROKERAGE

Best of attention given each shipment. Your Consignments Solicited.

Write Us H. J. Hasenwinkle Co., want your consignments for the Memphis market.

INTERIOR GRAIN COMPANY

Ship your grain to us for bids. If not accepted, we will forward to your Commission House, Chicago or Milwaukee.

We give you official weights and quick returns.

DAVENPORT IOWA

A PARTNER

HELP or a POSITION,

can be obtained quickly by placing an ad. in the "Wanted" columns of the Grain Dealers Journal of Chicago. It is the grain trade's accepted medium for "wanted" and "for sale" ads.

S
F
E
E
E
D
D

O
A
T
S



E
A
R

C
O
R
N

CLARK'S DOUBLE INDEXED CAR REGISTER

Is designed to afford ready reference to the entry or record of any car number. Its facing pages are ruled into five columns, those on the left hand page being numbered 0, 1, 2, 3 and 4; while columns on the right hand page are numbered 5, 6, 7, 8 and 9. Each column is ruled into three distinct divisions with the following sub-headings: "Initial," "Car. No." and "Record."

The marginal index figure represents the right hand or unit figure of the number entered; and the column heading the second or tens figure. So in looking for, say 9846, we know it is on the page indexed 6, and in the column headed 4, and is quickest found by looking down the blue line for the third figure or 8. The instances in which these three figures appear in this combination will be so few that the required number can always be instantly found if properly entered.

The book is made of heavy ledger paper and well bound in half Russia. Size, 11x14 1/4 inches.

No. 40 contains 36 pages, with spaces for registering 9,000 cars. Price, \$1.50.
No. 42 contains 68 pages, with spaces for registering 17,000 cars. Price, \$2.50.

GRAIN DEALERS JOURNAL

La Salle St., CHICAGO

AMERICAN SUPPLY CO

OMAHA — O NEBRASKA

Manufacturers and Jobbers.
Largest Stock in the West

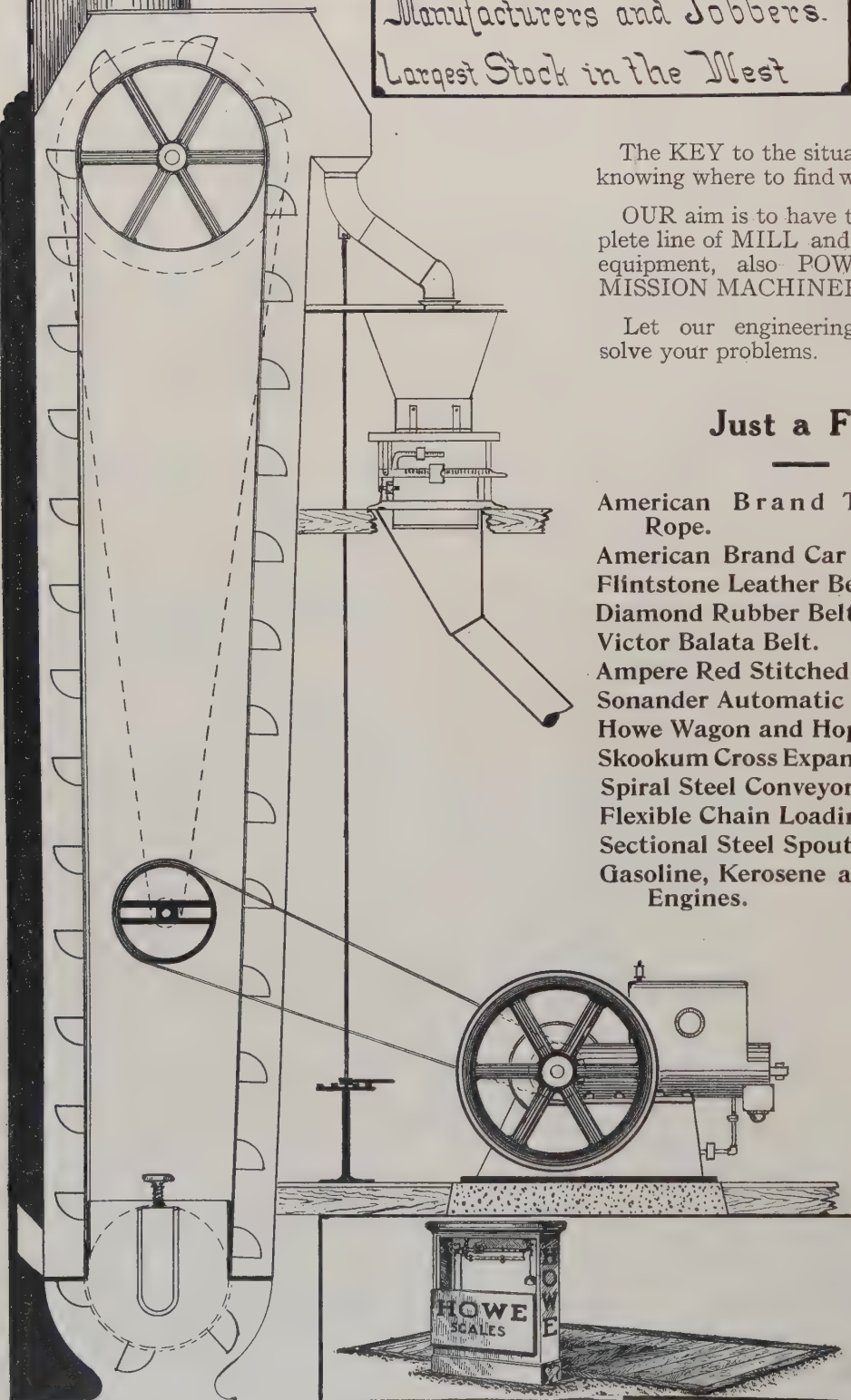
The KEY to the situation is simply knowing where to find what you want.

OUR aim is to have the most complete line of MILL and ELEVATOR equipment, also POWER TRANSMISSION MACHINERY.

Let our engineering department solve your problems.

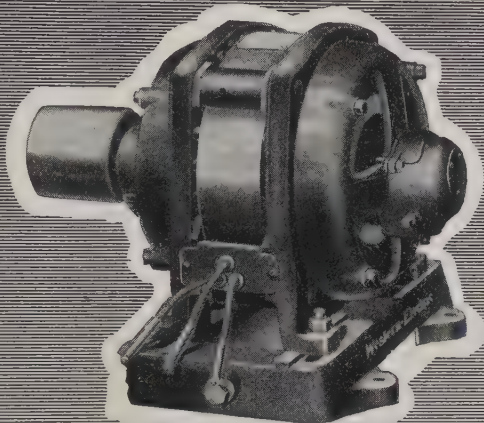
Just a Few

American Brand Transmission Rope.
American Brand Car Puller Rope.
Flintstone Leather Belt.
Diamond Rubber Belt.
Victor Balata Belt.
Ampere Red Stitched Canvas Belt.
Sonander Automatic Scales.
Howe Wagon and Hopper Scales.
Skookum Cross Expansion Packing
Spiral Steel Conveyor.
Flexible Chain Loading Spouts.
Sectional Steel Spouting.
Gasoline, Kerosene and Distillate Engines.

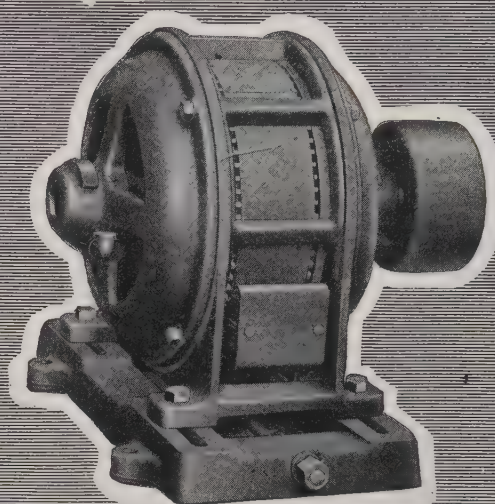


THESE
Western Electric
MOTORS

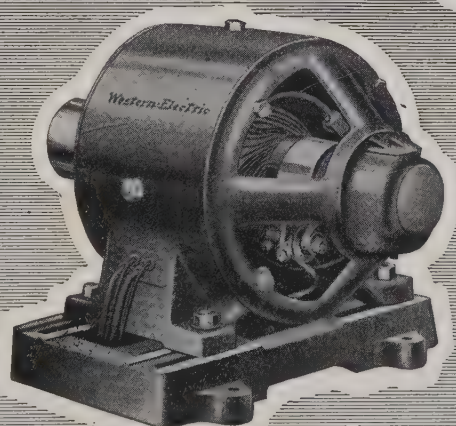
are only three of our complete line.



A. C. $\frac{1}{2}$ To 15 HP.



A. C. 15 TO 200 HP.



D. C. 2 to 20 HP.

*You Can Get a Western Electric Motor For
Every power use, at all standard speeds and for
all commercial circuits.*

Get in touch with our Nearest House.

WESTERN ELECTRIC COMPANY

Manufacturers of the 7,000,000 "Bell" Telephones

New York
Boston
Philadelphia
Pittsburg
Buffalo
Cleveland

Atlanta
Savannah
Richmond
St. Louis
Dallas
Houston

Chicago
Milwaukee
Cincinnati
Indianapolis
Minneapolis
St. Paul

Kansas City
Oklahoma City
Denver
Omaha
Salt Lake City
Los Angeles

San Francisco
Oakland
Portland
Seattle
Vancouver
Edmonton

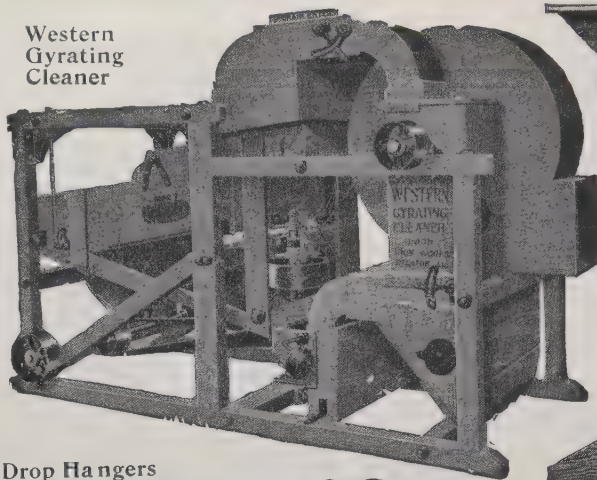
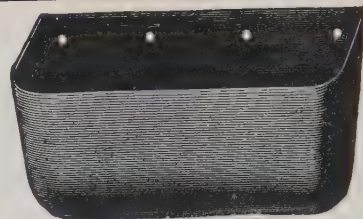
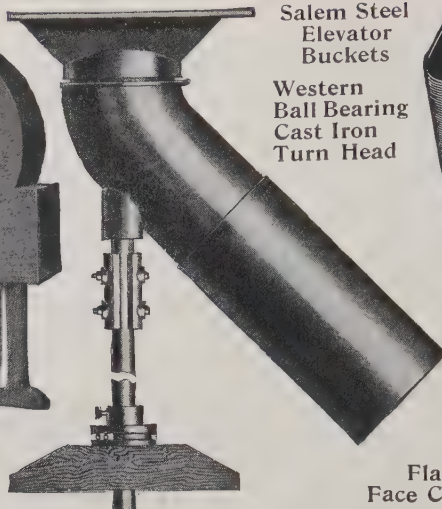
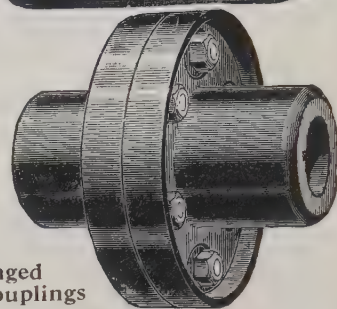
Montreal
Toronto
Winnipeg
Calgary
Johannesburg
Sydney

London
Antwerp
Berlin
Paris
Rome
Tokyo

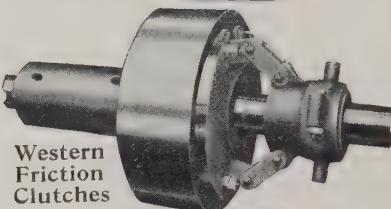
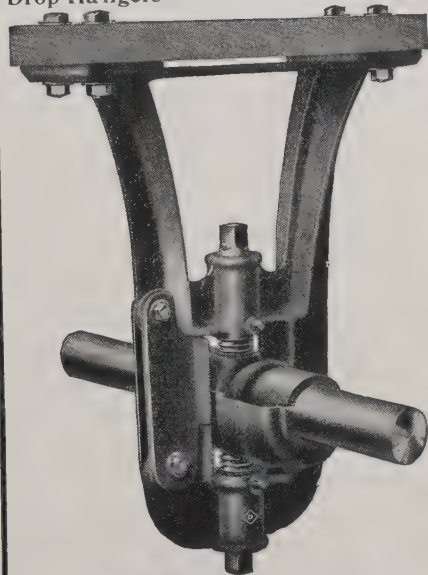
EQUIPMENT FOR EVERY ELECTRICAL NEED

Member Society for Electrical Development

"DO IT ELECTRICALLY"

Western
Gyrating
CleanerSalem Steel
Elevator
BucketsWestern
Ball Bearing
Cast Iron
Turn HeadFlanged
Face Couplings

Drop Hangers

Western
Friction
Clutches

WESTERN MACHINERY

and a

"SUCCESSFUL ELEVATOR"

are synonymous terms,
the one ensures the other

"Western" grain handling and cleanin
devices are the result of over forty years
experience and study of elevator machinery
manufacture.

"Western" shellers and cleaners are the ac-
cepted solution of the cleaning and shelling
problem. They are the best on the market.

"Western" conveying, elevating and power
transmission machinery is the most satis-
factory and perfect elevator equipment, by
actual test.

A great helper is our book

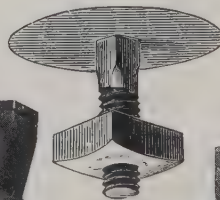
Every Thing from Pit to Cupola

It's the elevator man's "First aid to the
injured" guide, invaluable to the successful
maintenance of your business. It's free,
and gladly sent you.

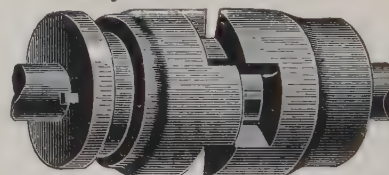
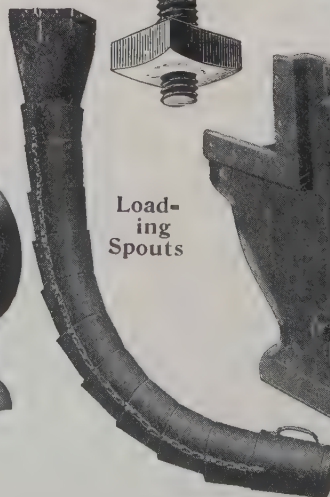
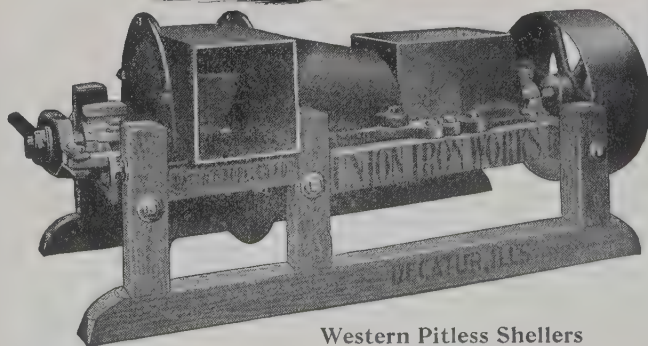
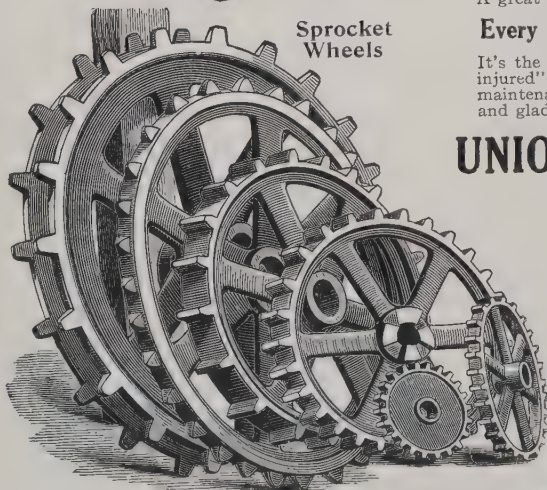
UNION IRON WORKS

DECATUR
ILL.

Flat Head Bolts

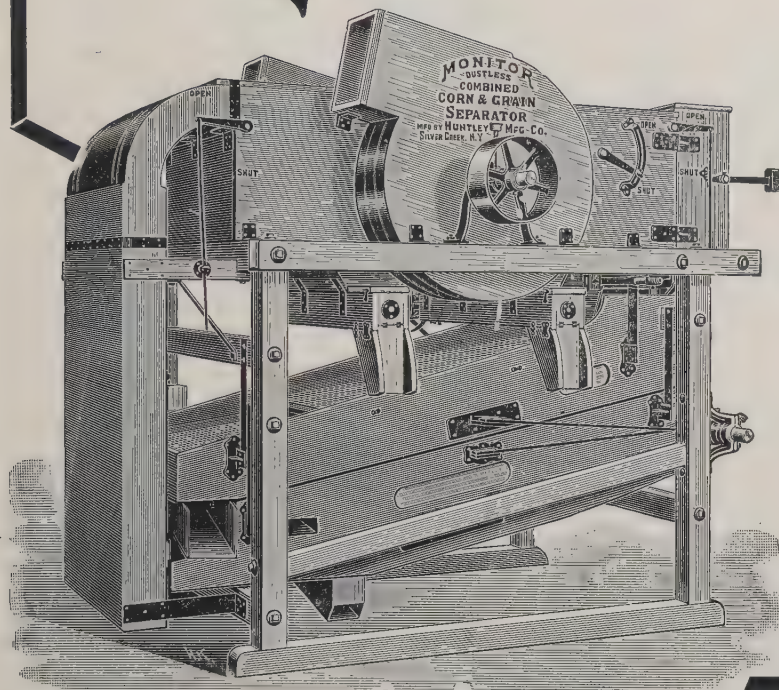


Pulleys—Iron and Wood

Jaw Clutch
CouplingsWestern
Adjustable
Cast Iron
BootLoad-
ing
SpoutsSprocket
Wheels

Western Pitless Shellers

Monitor



**A corn cleaner
or
A grain cleaner without
a change of screens**

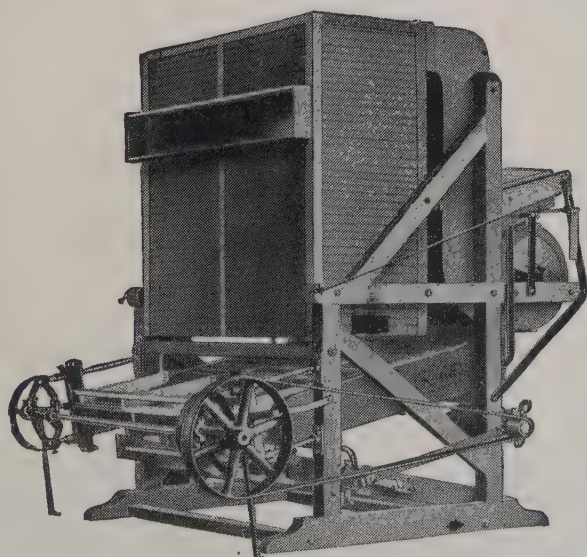
Answering the purposes of two separate machines where corn, oats, wheat and small grains are handled, and as it is *always* ready for cleaning two kinds of grain *without a stop to change screens*, hundreds of grain dealers (users) endorse this "Monitor" Combined as the biggest value in grain cleaners today. Inasmuch as it simplifies cleaning work, delivers the work of *two* machines and requires the care, floor space, etc., of *only one separator* you cannot afford to overlook its advantages. Because it's a "Monitor" protected by several patents we can safely *guarantee* you results in *cleaning work* and economy *unknown* to any other separator.

Huntley Mfg. Co., Silver Creek, N.Y.

LET US CASH YOUR CHECK

for the returns from your screenings instead of giving it away. If we cash it for you, we apply it on the purchase of a

No. 66 New Process CLEANER—SEPARATOR—GRADER



The greatest profit maker for the country elevator—handles wheat, oats, flax, barley, rye and seeds with simple change of screens and does better work than most makes of special cleaners on each kind of grain.

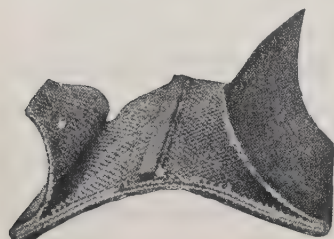
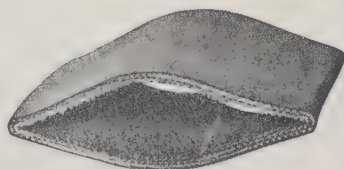
In the Northwest States we can ship a cleaner to any reliable elevator company or individual **without initial payment** except for freight and the nominal cost of installing in elevator. All we then ask is 75% of returns received from the by-product—a couple of cars usually pays for the cleaner.

Could you ask for a better proposition or guarantee of satisfaction?

Let us send you our new catalogue.

Fosston Manufacturing Co.
140 Merriam Park, St. Paul, Minn.

The OPENING OF THE PLIES like this



OR the SPLITTING OF THE SEAMS like this

In rubber belting, has always been a source of expensive annoyance, the belting proving useless on these accounts long before it was ACTUALLY WORN OUT in service, and usually at a time when it was most needed, causing shut downs that are often costly.

"R. F. & C." Solid Woven Rubber Belting perfectly eliminates not only the defects illustrated above but also every other difficulty met with in the operation of rubber belting, and is recognized as the highest type of rubber belting produced, by Engineers, Contractors, Mechanics, Elevator Builders and Operators, in fact by every user who has given "R. F. & C." a thorough trial.

Your request will bring you full data, samples, etc., *that will convince you.*

Write Us NOW!

W. H. SALISBURY & CO., Inc.

SINCE 1855

Belt Manufacturing Experts CHICAGO, ILL.



OLDEST and largest manufacturer of Rubber Belting for conveying and elevating grain, etc., etc.

New York Belting & Packing Co.

91-93 Chambers Street, NEW YORK

130 West Lake Street
CHICAGO, ILL.

2nd Avenue, N., and 3rd Street
MINNEAPOLIS, MINN.



Opportunity

is accredited in some quarters with but a single knock. While we intend calling as often as necessary, it might prove as advisable to answer one of the initial summons as those later on.

Goodrich GRAINBELT

reduces tonnage costs.

We are taking the license of associating our service with the call of opportunity solely through being witness to the economy and efficiency our years of experience in many fields have enabled us to effect. It has been a great satisfaction to serve in this manner those who have honored us with their confidence.

**Elevator Belts
Transmission Belt**

The B. F. Goodrich Company

Factories: Akron, Ohio

Branches in All Principal Cities

*There is nothing in
Goodrich Advertising that
isn't in Goodrich Goods*



*Makers of Goodrich
Tires and Everything that's
Best in Rubber*

GRAIN ELEVATOR BUILDERS

G. H. Birchard
CONTRACTOR FOR Grain Elevators.
Especially Designed for Economy
of Operation and Maintenance
LINCOLN, NEB.

Some build more—
None build better
GRAIN ELEVATORS
than Cramer
Satisfaction Guaranteed
W. H. CRAMER, No. Platte, Neb.

A. F. ROBERTS
ERECTS ELEVATORS
CORN MILLS
WAREHOUSES
FURNISHES PLANS
ESTIMATES
MACHINERY
SABETHA, KANSAS

L. J. McMILLIN
ENGINEER and CONTRACTOR of
GRAIN ELEVATORS
Any Size or Capacity
523 Board of Trade Bldg., Indianapolis, Ind

FRANK KAUCHER & SON
Contractors Mills and Elevators
Wood and Concrete
ST. JOSEPH MISSOURI

I. J. HERRING
Contractor and Builder of Grain Elevators.
20 years' experience. Estimates furnished.
HASTINGS, NEB.

**C. E. Bird & Co.**
MINNEAPOLIS
Elevator and Mill
Builders
16 Years'
Practical Experience

ELEVATOR BUILDERS
and general contractors. Modern and
up-to-date elevators. Plans and speci-
fications on request.
NAPPER & PERSSON
LEWISTOWN, MONT.

**Claim
Losses
Prevented**



by **TYDEN SELF-
LOCKING CAR
SEALS** bearing
your name and consecutive numbers.
Thousands of shippers use them.
Write for Samples and Prices
INTERNATIONAL SEAL & LOCK CO.
Chas. J. Webb, Gen'l Sales Agent
617 Railway Exchange Bldg, CHICAGO, ILL.

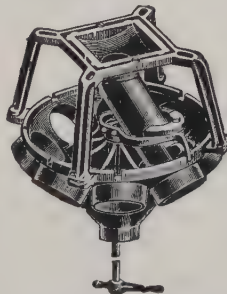
THE
STEPHENS
Engineering Company
Designers and Builders
GRAIN ELEVATORS
Monadnock Bldg., Chicago

R U
going to build or remodel? If so, write
D. F. HOAG & CO.
Contractors and Builders of
GRAIN ELEVATORS AND WAREHOUSES
206 Corn Exchange, Minneapolis, Minn.

HICKOK CONSTRUCTION CO.
Successors to
L. O. HICKOK & SON
BUILDERS OF UP-TO-DATE
ELEVATORS
WOOD OR FIREPROOF
Get Our Estimates
619 Flour Exchange, MINNEAPOLIS

HALL SPECIAL Elevator Legs

elevate more grain in less time on less power than any other
system known, and they do not choke or back leg in the
operation. Let us demonstrate this to you
in our specifications.



HALL SIGNALING NON-MIXING DISTRIBUTOR

For efficiency and economy, the Hall Grain Dis-
tributor leads in the distribution of grain by dis-
charging every kernel of grain without a mix and
utilizing every inch of bin space, and signals the
operator when the bin is full.

HALL DISTRIBUTOR CO., 222 Ramge Bldg., Omaha, Nebr.

GRAIN ELEVATOR EQUIPMENT

We Stock and Manufacture a Com-
plete Line of Equipment for

GRAIN ELEVATORS

PROMPT SHIPMENTS GUARANTEED

Write for Catalog and Prices.

The Manitoba Bridge and Iron Works, Ltd.
WINNIPEG, CAN.

GRAIN ELEVATOR BUILDERS

WRITE the following parties, a few of the 70 we have done business with the past season. All of these will recommend us. Our patrons help us at all points.

Farmers' Elevator Co., Warsaw, Ill.
 Square Deal Grain Co., (Reinforced Concrete), Morris, Ill.
 Conway & Peters, Ackley, Iowa.
 Koonz Bros., Wesley, Iowa.
 Farmers' Elevator Co., Bayard, Iowa.
 Farmers' Elevator Co., Marathon, Iowa.
 Farmers' Elevator Co., Eldridge, Iowa.
 Farmers' Elevator Co., Merrill, Iowa.
 Farmers' Elevator Co., Pocahontas, Iowa.
 Farmers' Elevator Co., Gayville, S. D.
 John Doering, Parkston, S. D.
 Farmers' Elevator Co., Grandin, N. D.
 Farmers' Elevator Co., Choteau, Mont.
 A. W. Finch, Townsend, Mont.
 P. C. Aller, Drummond, Mont.

YOUNGLOVE CONSTRUCTION CO.
 SIOUX CITY, IOWA. GREAT FALLS, MONT. GRANDIN, N. DAK.

A Reliance Owner

"a successful grain man"



The owner of a Reliance elevator handles grain on a bigger margin, because his operating expenses are lower.

Reliance Construction Co.
 Board of Trade

Indianapolis :: Indiana

FREE

to all parties expecting to build an elevator in the Southwest territory, our leaflet, "Cost of Complete Elevators."

To all others, the price is Fifteen Cents

PELKEY CONSTRUCTION CO.
 WICHITA, KANSAS

R. M. Van Ness Construction Company
 Designers and Builders of

MODERN GRAIN ELEVATORS

Plans submitted. Correspondence solicited.

Offices at

LINCOLN, NEBR., and FAIRBURY, NEBR.

J. A. HORN FRANKFORT, IND.

624 Board of Trade Bldg., Indianapolis, Ind.

Contractor, Designer and Builder of

Grain Elevators, Mills & Warehouses

Wood, Concrete or Steel

Decatur Construction Co.

Incorporated

Designers and Builders of **GRAIN ELEVATORS**

COAL HANDLING PLANTS, WAREHOUSES, ETC.

Correspondence Solicited

510-512 Wait Bldg. DECATUR, ILL.

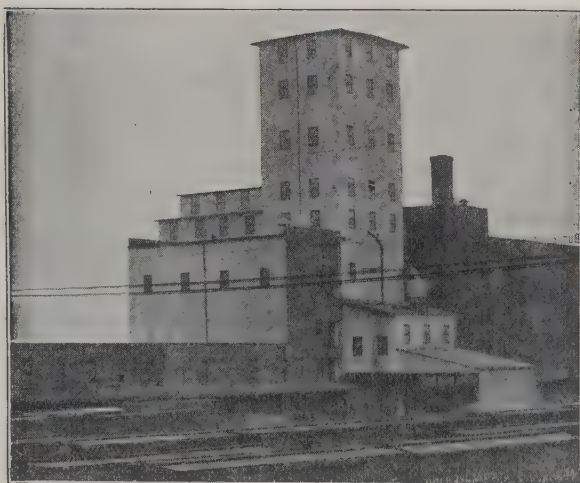
W. S. MOORE

ELEVATOR BUILDER

Efficient and up-to-date plans furnished to suit your needs.

FRANKFORT, INDIANA

Reinforced Concrete Grain Elevator, Feed Mill and Warehouse, built in 1910 for Buffalo Cereal Co., at Buffalo, N. Y.



Fireproof Construction Elevators, Mills and Warehouses. We prepare plans and make lump-sum price for the complete work.

MONARCH ENGINEERING CO.

Chamber of Commerce

BUFFALO, N. Y.

UNIVERSAL GRAIN CODE

For use of

Grain and Milling Trades

We recommend it. The trades endorse it.

Save telegraph toll. Keep your business to yourself. Prevent Expensive Errors.

Its 146 pages contain 13,745 expressions, printed on policy-bond paper, and bound in black flexible leather—size 7x4 $\frac{5}{8}$ inches.

Price \$3.00

GRAIN DEALERS JOURNAL

315 So. La Salle St.

Chicago, Ill.

GRAIN ELEVATOR BUILDERS

GRAIN ELEVATORS, WARE- HOUSES, STORAGE TANKS, SEED HOUSES

Built of
Wood or Fireproof Material
PLANS — SPECIFICATIONS — ESTIMATES

Give me a chance to figure with you
before making contract.

T. E. IBBERSON
Minneapolis :: Minnesota

JOHN S. METCALF CO., LIMITED
GRAIN ELEVATORS
PNEUMATIC AND MECHANICAL
Engineers — Constructors
MONTREAL, QUE. CHICAGO, ILL.

Finton Construction Co.

Builders of
RE-INFORCED CONCRETE **GRAIN ELEVATORS**
APPLETON, WIS.

Morley Bros., Haden & Plott

DESIGNERS AND CONTRACTORS
GRAIN ELEVATORS
WICHITA - - - KANSAS

MACDONALD ENGINEERING CO.

DESIGNERS AND BUILDERS OF
GRAIN ELEVATORS
MONADNOCK BLDG., CHICAGO, ILL.



Burrell

builds the best Grain
Elevators, of any
type or material.

Ask those who have them.

Over 400 in use today.

Burrell Engineering & Construction Company

1102-8 WEBSTER BLDG., CHICAGO
(Opp. Board of Trade)
708-9 Hutton Bldg., Spokane, Washington,
711 Hubbell Bldg., Des Moines, Ia. 111 W.
North St., Indianapolis, Ind. Ft. William, Ont.

GRAIN ELEVATOR

Designing and Construction
Made a Specialty

WITHERSPOON-ENGLAR CO.
MONADNOCK BLOCK, CHICAGO

O. J. LEHRACK

Contractor of
Mill Buildings and Concrete Storage Tanks
KANSAS CITY, MO.

ORR BROS. SUPPLY CO.

CEDAR RAPIDS, IOWA

Engineers and Contractors for High Grade ELEVATORS

Let us submit plans and estimates. Very best equipment at lower prices than others.

HARPER CONSTRUCTION CO. ELEVATOR BUILDERS

GENERAL CONTRACTORS

711 Grain Exchange
WINNIPEG, MAN., CANADA

WANT HELP?

Then consult the "Situations Wanted"
columns of the Grain Dealers Journal.

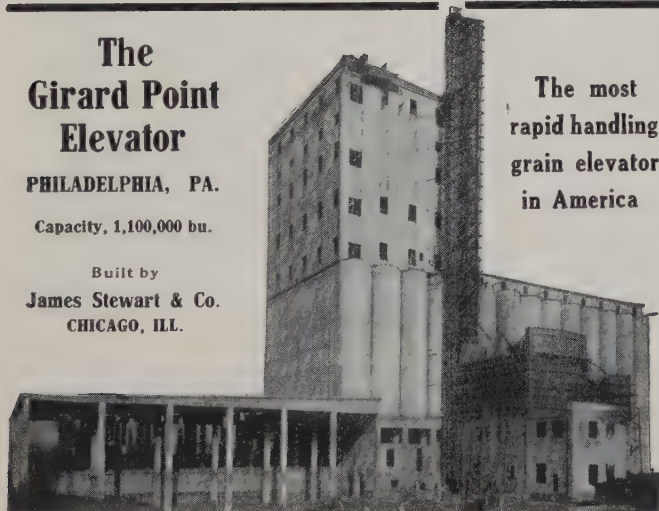
The Girard Point Elevator

PHILADELPHIA, PA.

Capacity, 1,100,000 bu.

Built by
James Stewart & Co.
CHICAGO, ILL.

The most
rapid handling
grain elevator
in America



JAMES STEWART & CO.

CONTRACTORS, DESIGNERS AND BUILDERS OF

GRAIN ELEVATORS

IN ALL PARTS OF THE WORLD

GRAIN ELEVATOR DEPT., 15th Fl. Westminster Bldg., Chicago

W. R. SINKS, Manager R. H. FOLWELL, Engineer

We also do General Contracting and have Offices
in the following cities. Write or call on any of them

New York, Hudson Terminal Bldg. New Orleans, La., Hibernia Bk. Bldg.
Pittsburg, Pa., Henry Oliver Bldg. Denver, Colo., First Nat. Bank Bldg.
San Francisco, Cal., 709 Mission St. Canada, Eastern Township Bk. Bldg.
Canadian Stewart Co., Ltd., Montreal Fort William, Ontario, Canada
St. Louis, Mo., Bank Com. Bldg.

This Fire Proof Seed Warehouse and
Grain Storage constructed of Reinforced
Concrete frame with brick enclosing
walls just completed for the Courteen
Seed Company, Milwaukee, Wisconsin.

Barnett & Record Company

Minneapolis, Minnesota

Fort William, Ontario Duluth, Minnesota

Write us for Designs and Estimates

"SAFETY FIRST" MANLIFT**THE MANLIFT
WITH NO REGRETS**

Users consider our "NEW ERA" MANLIFTS to be the best—always reliable.

We also make

**HAND ELEVATORS
POWER ELEVATORS
DUMBWAITERS
INVALID HOISTS or
HOUSE ELEVATORS, ETC.**

Write for Information.

NEW ERA ELEVATOR & MFG. CO.
SIDNEY, OHIO

Mention this paper.

**SUCCESS
SAFETY MAN LIFT**

**ATTENTION,
ELEVATOR CONTRACTORS!**

Write us for our Special
Proposition for 1913

DO IT NOW

HASTINGS

Foundry & Iron Works
HASTINGS NEBR.

**The Van Ness Safety
Roller Bearing Manlift**

Is built for service. Made from Selected White Birch, has direct acting springs, double safety device that will not fail, runs easy, unnecessary to bolt or lock it while not in use.

Has wire cable and cotton hand line. Sold on 30 days trial. Write for circulars and prices.

Manufactured and for sale by
**R. M. Van Ness
Construction Company**
Fairbury, Nebr., and Lincoln, Nebr.

**Safety Should Be
Your Watchword!**

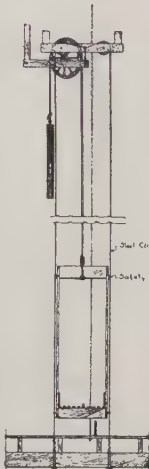
Install a manlift in your elevator that will not endanger the lives of your employees. The Bird Cable Guide Manlift can be installed for

$\frac{1}{3}$

the cost of others. Special features include safety device in case of accident; wire rope guides easily kept in alignment; ball bearing on main top sheave. Safety first, install a Bird.

Write or full particulars.

C. E. BIRD & CO. Corn Exchange
Minneapolis

**Don't Waste Wind**

It costs money to produce an air current with a fan.

What's the use of having the air current double back and choke itself.

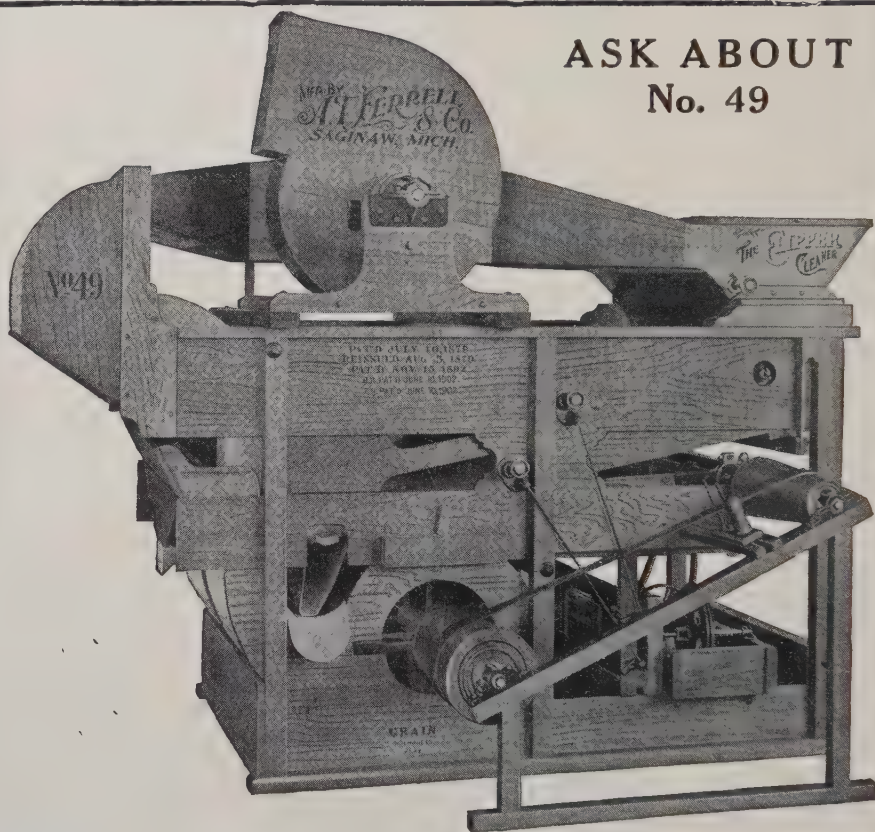
**The New "1905"
Cyclone Dust Collector**

SAVES THAT WASTE

The Knickerbocker Co.
JACKSON, MICH.

Write for our Catalog on Dust Collectors.

**WHEN YOU BUY—BUY RIGHT.
OUR ADVERTISERS OFFER THE BEST.**

**ASK ABOUT
No. 49****Thousands of local elevators
are using the "Clipper"**

Thousands of local elevators are using the "Clipper," because of its economical and successful cleaning of all kinds of grain, clovers, timothy, flax, corn, etc. No other cleaner has equaled the fine separations of the "Clipper." No other of medium price is as well adapted for this class of work.

Quick, easy and simple in installation and operation. With or without traveling brushes. All modern improvements.

The "Clipper" requires but one-fourth the power of any other suction cleaner made of equal capacity, and has a wider range of variety of work.

We have the successful combination cleaner. We guarantee satisfaction. Let us send our catalog and sample screen plate.

A. T. Ferrell & Company
Saginaw, W. S., Michigan

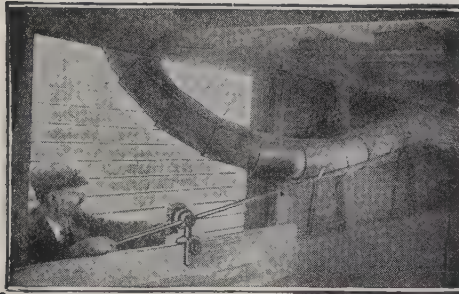
FREE TRIAL OF

Before buying a car loader take advantage of this liberal offer and order a "BOSS" Car Loader AT ONCE.



Drop a Card RIGHT NOW!

MAROA MFG. CO., Dept. 3, Maroa, Ill.



The Englehart Flexible Spout Holder and Carloader

Every elevator should have one and can easily afford one. Order one now, it is not going to wear out, it will last for a good many years.

Saves pocketing of dust and dirt and lower grades of grains right in front of car door. Will grade your grain from one to two points higher on account of even distribution, which pays for itself. Saves time and annoyance of crawling into car when loading. This device does not crack the grain and blow it in every crack in the car, and does not require any horse power. Fully guaranteed. Hundreds now in use in sixteen States. Agents Wanted. Write for our Prices.

Automatic Hopper Tailies, Flexible Spouts and all Elevator Supplies.

L. E. TAYLOR & CO., 914 Flour Exchange, MINNEAPOLIS, MINN.

Grain Dealers Everywhere Are Using The Automatic Dump Controller



Entirely under the driveway floor and takes up no room.

Easily attached to a rail, platform or dump scale.

Has control of the dump from the time that the trigger is pulled and causes it to settle down easily and without the least jerk or jar.

Shipped on 30 or 60 days' trial

Also build

Grain Elevators

Write for plans and estimates.

L. J. McMILLIN

Board of Trade Building
INDIANAPOLIS, IND.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., of Grain Dealers Journal, published semi-monthly at Chicago, Ill., required by the Act of August 24, 1912.

Note.—This statement is to be made in duplicate, both copies to be delivered by the publisher to the postmaster, who will send one copy to the Third Assistant Postmaster General (Division of Classification), Washington, D. C., and retain the other in the files of the post office.

Name of Editor—R. R. Rossing.
Post Office Address—315 So. La. Salle St., Chicago, Ill.

Business Managers—Charles S. Clark, 315 So. La Salle St., Chicago, Ill.

Publisher—Grain Dealers Journal, Chicago, Ill.

Owners (if a corporation, give names and addresses of stockholders holding 1 per cent or more of total amount of stock)—Charles S. Clark, 315 So. La Salle St., Chicago, Ill.

Known bondholders, mortgagees and other security holders, holding 1 per cent or more of total amount of bonds, mortgages or other securities—None ever issued.

Average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date of this statement. (This information is required from daily newspapers only.)

CHARLES S. CLARK.

Sworn to and subscribed before me this 16th day of March, 1914.

CONIE W. MACK.

Notary Public.

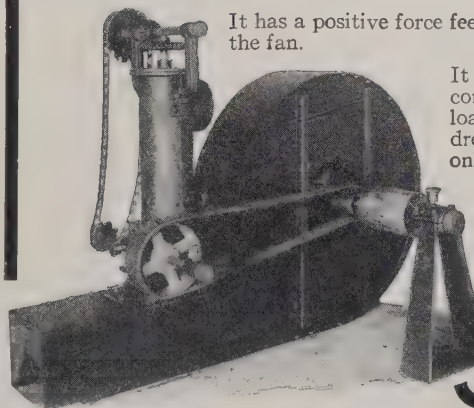
(My commission expires June 27, 1916.)

WHAT DO YOU READ?

One or more newspapers of course. But do you ever stop to consider that your trade journal is the most necessary of all?—the most necessary because it helps you make your business better? keeps you in touch with what others are doing and thinking and saying? enables you to make the best of good opportunities? shows you how to stop the leaks and put more money in the bank? Pass up the newspapers if you must, but don't let the Grain Dealers Journal of Chicago, Ill., get by you without reading it.

If you want the best machine for handling grain in any condition, look over the

Bernert Pneumatic Conveyor



It has a positive force feed, that can be used anywhere ahead of the fan.

It will not crack or bruise grain, in any condition, dry or wet. It will convey and load cars, just as effectually, several hundred feet away as if the distance were only ten feet. It will do elevating, and transfer around angles. It will trim the largest boat to the fullest capacity, quickly and effectually. It will deliver the material where desired. For more information, write for catalog No. 5 to

BERNERT MFG. CO.

759 33rd St.

Milwaukee, Wis.

A Mattoon Car Loader

SAVES HEALTH

Because you are not compelled to get into car and breathe poisonous oat dust.

SAVES GRAIN

Because it puts all of the grain into the car and cleanses it besides.

SAVES LABOR

Because it gives a quick and automatic distribution.

SAVES MONEY

Because it saves grain, health and labor.

It will fill the largest car to full capacity and actually better the quality of your grain. The Mattoon is perfect in principle, extremely durable, easy of operation. It needs no attention after starting.

Here is where your money will go farthest and produce lasting good results.

MATTOON GRAIN CONVEYOR CO.

MATTOON

ILLINOIS



Elevator Machinery and Supplies

We carry a large stock and can fill orders promptly.

Grain Cleaning Machinery

We handle a full line and can give you a machine for any kind of work you want to do.

Roll Corrugating and Grinding

The best work—quick service.

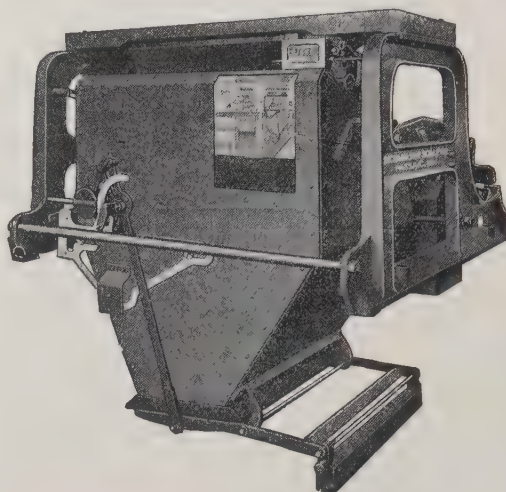
Write us for Catalog and Prices on anything you need.

The
Strong-Scott Mfg. Co.
MINNEAPOLIS, MINN.

Northwestern Agents for

**Invincible Grain Cleaners,
Richardson Automatic Scales,
Knickerbocker Dust Collectors**

89 Automatic Scales



During 1913 the Alberta Co-operative Elevator Company, Calgary, Alberta, installed 49 RICHARDSON AUTOMATIC SCALES, and they now write us as follows:—

"In view of the success that we have obtained from your scales during the past season, and after making a thorough investigation of the scales offered us in competition, it has been decided by this company that we favor you with our requirements for the coming season. We will require approximately forty 5-bushel Automatic Scales of the same type and the same improvements as you have

already furnished us during the past season. Our requirements may exceed this number, and we will be in a position to advise you early in the summer how many additional scales we will want."

This is an excellent example to follow. Install a RICHARDSON—the STANDARD Automatic Scale and be absolutely sure of your weights.

RICHARDSON SCALE COMPANY

1909 Republic Bldg., Chicago
413 3d St. S., Minneapolis, Minn.
Box 305, Omaha, Neb.

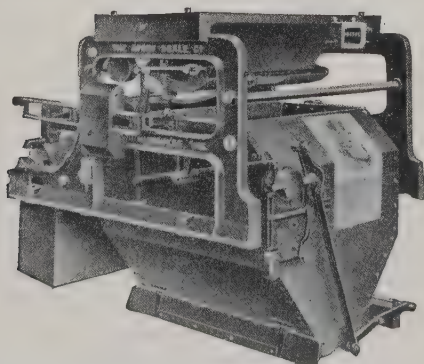
Passaic, N. J.
Wichita, Kas.
Dallas, Tex.

Buffalo, N. Y.
Lethbridge, Alberta
Bridgeburg, Ontario

East--West AVERY is BEST

And North and South, too. All sections, wherever grain is grown and weighed, knows of the Accuracy, Reliability and Profit Saving of the

Avery Automatic Scale



Some one near you has one, and he'll be glad to tell you all about such a faithful, honest, helper, this "Mechanical Weighman." Ask us for his name.

AVERY SCALE CO.

N. MILWAUKEE, WIS.

732 Marquette Bldg., Chicago.
Room A-1 Chamber of Commerce.

Minneapolis.
310 Merchants Exchange, St.

Louis.

Canadian Representatives—Canadian-Allis-Chalmers, Ltd., Toronto, Ont.

1600 U. S. Express Bldg., N. Y. City.
426 Board of Trade, Indian-

apolis, Ind.
441 Brandels Bldg., Omaha, Nebr.

202 Boston Bldg., Kansas City.

SET OF BOOKS for Grain Dealers

Form 380 Record of Wagon Loads Bought } PRICE, \$3.00
Form 385 Record of Car Loads Shipped

GRAIN DEALERS JOURNAL, 315 So. La Salle St., Chicago



Two Reasons Back of Fairbanks Accuracy

Simplicity of Construction

Built with the fewest possible parts—every part of a Fairbanks Scale is strong, highly perfected; to meet the demand of today for rapid, heavy weighing.

Choice of Best Materials

Only the highest grade of materials is used in Fairbanks Scales. Each part best suited to its purpose.

Acquaint yourself with the superiority of Fairbanks design, material and workmanship. Ask for Catalog 7 T 550.

Fairbanks, Morse & Co.

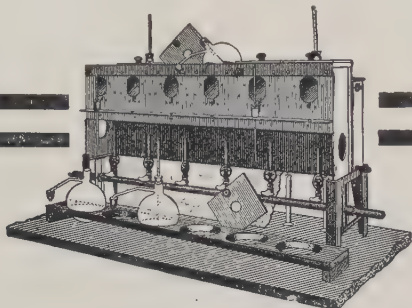
Chicago
Indianapolis

Omaha
St. Louis

St. Paul
Kansas City

PROFIT

You want to get as much money out of your grain as you possibly can. Ascertain the percentage of moisture in the grain you buy; it will help you considerably in deriving a good profit when shipping.



The

Brown & Duvel

Moisture Tester

as designed and approved by the U. S. Department of Agriculture,
renders the maximum of efficiency in moisture tests.

Durable Construction Simple Installation
Easy Operation

Install one of these testers now and let it pay for itself before the heavy shipping season commences.

Send for U. S. Gov't reprint to

The Kny-Scheerer Co.

DEPARTMENT OF SEED APPARATUS

404-410 West 27th Street,

NEW YORK, N. Y.

BOWSER FEED MILLS

GROW HEALTHY STOCK

Crush ear corn (with or without shucks) and grind all kinds of small grain.

Handy to operate—**lightest running**. 10 sizes: 2 to 25 h. p., capacity 6 to 200 bushels. Conical shape Grinders. Different from all others.

Write for Catalog and folder about the value of different feeds and manures.

The N. P. BOWSER CO.
South Bend, Ind.



A perfect belt to drive that feed mill

Feed mills require much power at very high speed, thus small pulleys and short centers are desired.

Peerless-V-Belt

operates at high speed on short centers, without lubrication or noise. The abundance of slack assures freedom from pressure on bearings. These belts are not affected by moisture, dirt or dust, and are always clean.

Principle of wedge utilized assures a non-slipping belt.

Write for more about this belt, in Book 115. Let us tell you what it has done.

PEERLESS-V-BELT COMPANY
Chicago Cedar Rapids New York

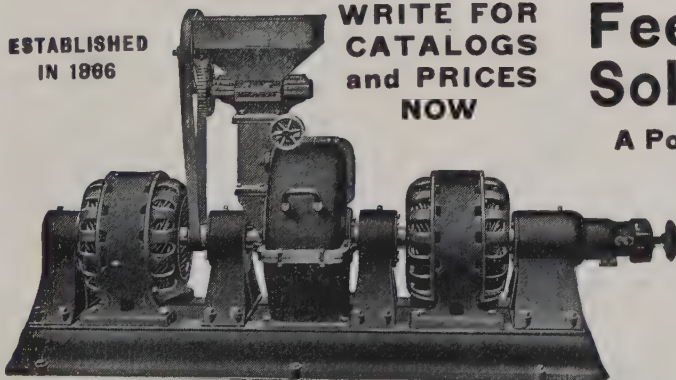
"Monarch" Ball Bearing

ESTABLISHED
IN 1886

**WRITE FOR
CATALOGS
and PRICES
NOW**

Feed Grinders will always Solve All Your Troubles.

A Positive Saving of 25% or More in Power.



"Monarch" Ball Bearing Direct Motor Driven Attrition Mill

We manufacture the Largest, Most Improved, and Most Complete Line of Machinery for Flour and Feed Mills, Grain Elevators, etc., in the World.

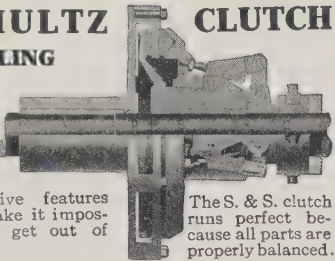
Don't Forget!

that we make Direct connected electric motor, as well as Belt Driven Ball Bearing Double-head or Single-head Feed Grinders and Corn Crackers, Our Specialty You cannot afford to operate your plant without one of these "Monarch" mills, because of the large amount of power saved or the tremendous increase in capacity that you will obtain with present power. Guaranteed to never get out of tram. **TRY ONE OF THEM NOW**

SPROUT, WALDRON & CO., MUNCY, PA.

WESTERN OFFICE: 9 South Clinton Street, CHICAGO
SALES DEPARTMENT, REPRESENTATIVES AND BRANCH OFFICES AT ALL PROMINENT POINTS

THE MILL BUILDERS, P. O. BOX 26

SCHULTZ CLUTCH COUPLING**Best by Test**

Distinctive features that make it impossible to get out of line.

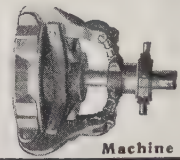
The S. & S. clutch runs perfect because all parts are properly balanced.

Everything in Transmission and Conveyors
Get the S. & S. Catalog.

A. L. SCHULTZ & SON, 1677 Elston Av.
CHICAGO, ILL.

**MILWAUKEE BAGS.**

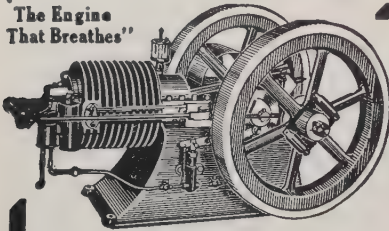
Our "Aurora A" is a full size 2 bu. 16 oz. cotton seamless sack—strong and durable—and we are selling at prices which will interest you. We make all sizes of Jute Grain Bags—write for prices. Why not "Hindoo" Jute Twine for tying?
MILWAUKEE BAG CO., Milwaukee, Wisconsin

**DON'T PAY TWO PRICES for a Friction Clutch**

Some sizes as low as one dollar per horsepower. This clutch will carry 25 to 50% overload. Built any size 5 to 100 HP. Write today for circular and discounts.

Decatur Fdy. Furnace & Machine Co., Dept. D. Decatur, Ind

"The Engine That Breathes"



Zero Weather Does Not Affect The Gade Air Cooler

THE GADE is the only successfully AIR COOLED engine on the market. Having eliminated all out-side cooling devices The GADE is in a class by itself. GET THIS TROUBLE PROOF ENGINE for your elevator and you will have a reliable, medium priced engine that will work for you 365 days every year on ONE THIRD LESS GASOLINE than any other engine on the market. Cannot be overheated under full load regardless of length of time in continuous use. Real FIVE YEAR GUARANTEE. We have thousands of satisfied elevator men who have used this engine for years. Get the benefit of their experience. Write at once for complete descriptive folder describing this WONDERFUL ENGINE. We have a special proposition to make Elevator men.

GADE BROS. MFG. CO., 110 Main St., Iowa Falls, Iowa

R

Live weevil plus a little Fuma equals dead ones every time.

Fumigate Your Elevators and Mills with

FUMA

The only satisfactory method of treating grain in the bin, kills all insects, weevils, moths, etc.

10c. per lb., in 50 lb. and 100 lb. drums.

Send for printed matter.

EDWARD R. TAYLOR
Manufacturing Chemist PENN YAN, N. Y.

Gas Engine Books

Operators of Gasoline engines who encounter difficulties in the care or operation of gas and gasoline engines will find each of the following books of great assistance.

The Practical Gas Engineer, by E. W. Longenecker, M. D., Price, \$1.00.

The Gas and Gasoline Engine, by Norman & Hubbard, Price, \$1.00.

The Gas Engine Hand Book, by E. W. Roberts, Price, \$2.00.

Gas Engine Troubles and Remedies, by Albert Stritmatter, Price, \$1.00.

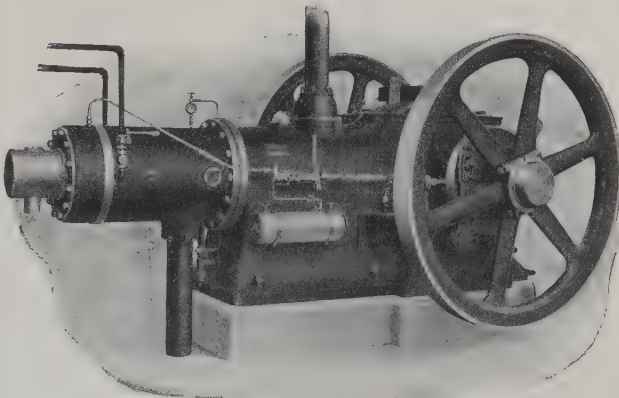
Plain Gas Engine Sense, by E. L. Osborne, Price, \$1.00.

Grain Dealers Journal
315 So. La Salle St. Chicago, Ill.

CERTAINLY, YOU HAVE HEARD ABOUT THE "MUNCIE OIL ENGINE"

The Ideal, LOW COST POWER UNIT. USES LOWEST GRADES OF CRUDE OIL OR FUEL OIL COSTING TWO TO THREE CENTS PER GALLON AT REFINERIES. You can run a fifty H. P. Muncie for 20 to 25c per hour full load.

CHEAPER than any other power, better than steam, steady as electric power, quick started, always ready for business, carries ample overload, liberal proportions. Approved by underwriters and sold on POSITIVE GUARANTEE. Thousands in use. Mill owners everywhere specify THE MUNCIE. Write for full particulars of saving we can make you. State size needed and will send you latest catalogues of full line.



Type "C". Sizes 40, 50, 60, 75 and 100 H. P.

Muncie Oil Engine Co.

54 Ohio, Corner Railroad Muncie, Ind., U. S. A.

TONS to Dollars and Cents

Shows at a glance the cost of any number of pounds of coal or hay at any price per ton from \$1.00, \$1.25, \$1.75, \$2.00 and so on to \$14.00. Well printed on good paper, and bound in cloth; marginal index. Size 4 1/2 x 8 1/2 inches, 110 pages. Price \$1.00.

GRAIN DEALERS JOURNAL, La Salle St., CHICAGO, ILL.

The GERBER

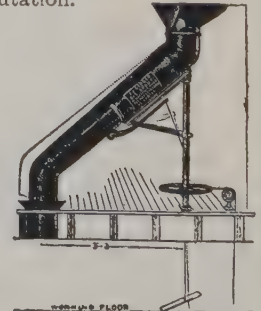
**PATENT FLEXIBLE CHAIN
TELESCOPE CAR LOADING
SPOUT**



is the best, yet cheapest, as it will outwear two ordinary flexible spouts. Made of metal almost equal to saw blade. Noteswivel joint at S.

**IMPROVED DISTRIBUTING
SPOUTS**

will absolutely prevent the mixing of grain. The best of material and workmanship have given them a world wide reputation.



Don't accept those "Almost as good."
For satisfaction, get the genuine, made by

J. J. GERBER
MINNEAPOLIS, MINNESOTA

International Feeds

Comprise a Full and Complete Line

DAN PATCH SPECIAL HORSE FEED—A World's Champion Horse Feed formulated and endorsed by Mr. M. W. Savage, owner of the World's Champion Pacing Horse, Dan Patch 1:55.

INTERNATIONAL SPECIAL DAIRY FEED—a complete ready ration for dairy use. Costs less than ordinary mill feed. You can pay more money, but you cannot buy a better milk producing ration than International Special Dairy Feed.

INTERNATIONAL CLIMAX FEED—costs less money than Special Dairy Feed and is giving splendid satisfaction wherever sold.

INTERNATIONAL SUGARED HOG FEED—a concentrated feed for mixing with grains. Fattens hogs rapidly, makes pigs grow, keeps them healthy.

INTERNATIONAL SUGARED CATTLE FEED—a concentrated feed for mixing with grains. Fattens cattle quickly and gives a fine finish.

INTERNATIONAL POULTRY FEED—a scientific blending of wheat, corn, oats, barley, kaffir corn, sun flower seed. Largely increases egg production and keeps fowls in healthy condition.

INTERNATIONAL CHICK FEED—promotes a rapid growth in young chicks and keeps them healthy.

INTERNATIONAL GROFAST CALF MEAL—a complete and cheap substitute for milk. Grows calves at a low cost without milk.

Our Prices on Above Feeds are Always in Line with the Market.

We Ship Mixed Cars at Regular Carload Prices.

One mixed car of **INTERNATIONAL** will provide you with a stock of everything you need in the feed line and all at carload prices.

International dealers are live ones. Are you on our list of customers? If you are not on our list, drop us a line and we will put you right for the balance of the season.

International Sugar Feed Co.
Mil at Minneapolis and Memphis
MINNEAPOLIS, MINN.

The only Roofing you can afford to use

Face the roofing problem fairly and squarely. Can you afford a roofing that requires constant coating? No matter how little you pay for such a roofing it is an expensive proposition in the long run. In a few years your bills for coating and repairs will amount to more than the original cost.

Roofing expense ends for all time when you use

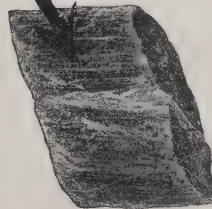
JM ASBESTOS ROOFING

Its first cost is the last cost. Being all mineral, it contains nothing to rot, rust or deteriorate in any way. Hence it never requires coating or graveling.

Made of asbestos (rock) felt cemented, layer upon layer, with Trinidad Lake Asphalt.

J-M Asbestos Roofing is lower in first cost than shingles, tin or slate—and cheaper than all other roofings on the cost-per-year basis. Gives perfect fire protection.

Sold direct if your dealer can't supply you. Write our nearest branch for sample of the wonderful Asbestos Rock and Catalog.

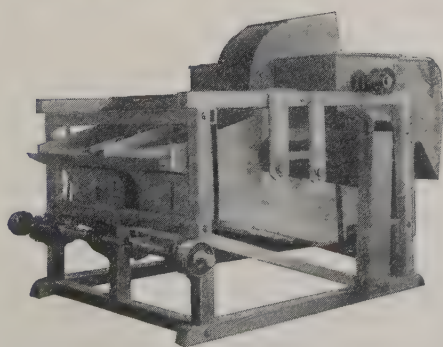


H. W. JOHNS-MANVILLE CO.

Albany	Cleveland	Louisville	Philadelphia
Baltimore	Dallas	Milwaukee	Pittsburgh
Boston	Detroit	Minneapolis	San Francisco
Buffalo	Indianapolis	New Orleans	Seattle
Chicago	Kansas City	New York	St. Louis
Cincinnati	Los Angeles	Omaha	Syracuse

2003

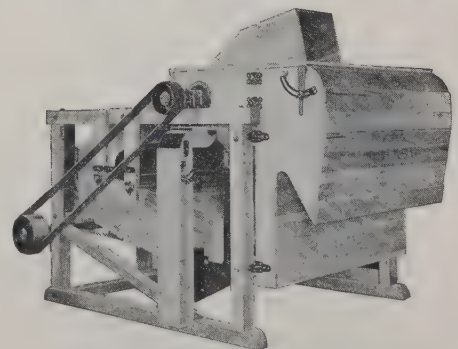
The EUREKA CRACKED CORN GRADER



FRONT VIEW—Showing Self Balancing Sieves

SAVES TIME
AND DOES MORE AND
BETTER WORK

A highly profitable
machine for the
manufacture of
Poultry Foods.



REAR VIEW—Showing the Three Suctions

The growing need for higher economy and greater durability is making more common the use of perfected details which a short time ago would have been considered extravagant.

A few years ago automatic sieve cleaners, self-oiling eccentrics and ball bearings were considered luxuries, but the modern tendency toward high efficiency now demands these things, hence the old-fashioned Separator is being crowded out and replaced with the

“EUREKA”

A Trade Mark,
“To Distinguish the
Best from the Rest”



THE S. HOWES COMPANY
SILVER CREEK, N.Y.



A Trade Mark,
“To Distinguish the
Best from the Rest”

REPRESENTATIVES

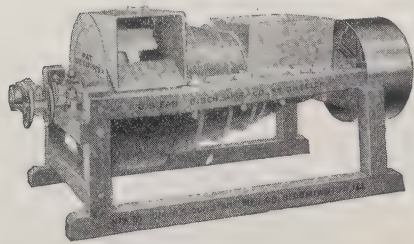
F. E. Dorsey, 3850 Wabash Ave., Kansas City, Mo.
E. A. Pynch, 311 3d Ave. S., Minneapolis, Minn.

J. O. Smythe, 1034 W. 32d St., Indianapolis, Ind.
W. M. Mentz, Sinks Grove, W. Va.
Special Sales Agents—The P. H. Pelkey Construction Co., Wichita, Kans.

Wm. Watson, 703 West. Union Bldg., Chicago
Geo. S. Boss, Jefferson Hotel, Toledo, Ohio

U. S. Corn Sheller

Pat. Oct. 17, 1905



ANOTHER UNSOLICITED TESTIMONIAL

Scircleville, Ind., Dec. 26, 1914

Gentlemen:

Enclosed please find check for \$120.00, Inv. 11-1-13, and trust same will be found correct. Sheller is O. K., and we are more than pleased with it.

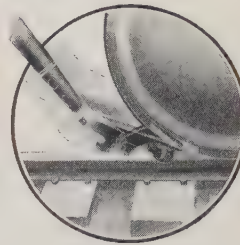
Yours truly,

SCIRCLEVILLE GRAIN CO.

The above sheller is mounted on a wood frame, has reinforced shells which bolt underneath and on top of the frame, making it the quickest repaired of any sheller on the market. The cylinder is separate from the fan and in three sections. The fan is of new design which eliminates the past dust annoyance.

Investigate before buying elsewhere.

THE B. S. CONSTANT MFG. CO.
BLOOMINGTON, ILL.



Stop losing time waiting for the switch engine and

Do your own spotting
with an

"IDEAL" Car Mover

(Moves any loaded car).

Price each \$5.00

Order one for trial

Use the mover thirty days, if not satisfactory to you, it can be returned to us at our expense. All castings are guaranteed.

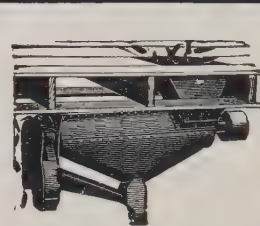
H. B. Sackett Screen & Chute Co.

1679-91 Elston Ave., CHICAGO

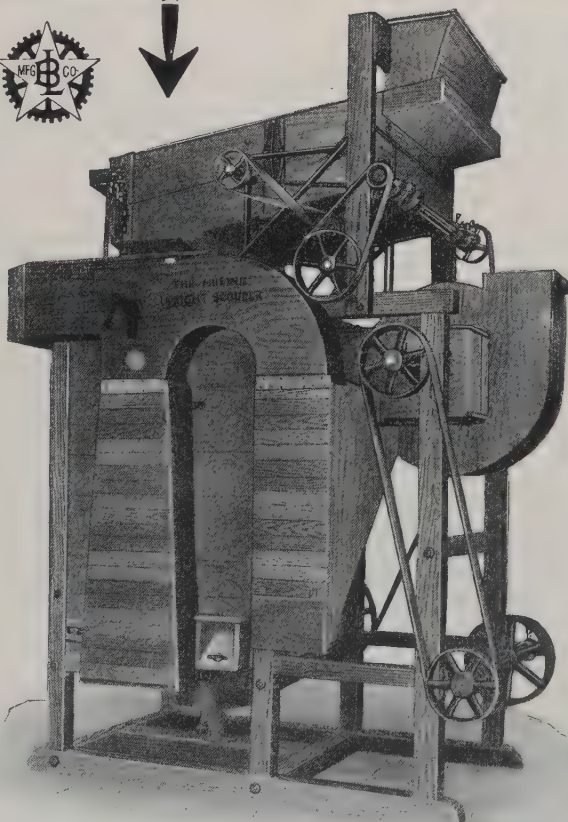
Branch Office and Warehouse
CHARLESTOWN, MASS.



Triumph Corn Sheller and Crusher



THE C. O. BARTLETT & SNOW CO.
CLEVELAND, OHIO, U. S. A.



A Slow Speed Machine

The Moline Upright Oat Clipper is a favorite wherever used.

It saves from 40% to 50% of the power required by horizontal machines.

This means a saving of the first cost in a short time and a future saving all the time.

Because of its by-pass spout it is not only a clipper, but can be used as a receiving separator.

Get one and increase your bank account.

BARNARD & LEAS MFG. CO.

MILL BUILDERS AND

MILL FURNISHERS

ESTABLISHED 1860. MOLINE, ILLINOIS, U.S.A.

THE INVINCIBLE Combination Scourer, Clipper and Cleaner

*Two machines in one at
about the one cost*

The best way to treat oats is to put them through this wonderful machine—it cleans, scours or clips, or all three on one operation.

To operate as a cleaner only a "carry-by-spout" is used, which brings into play the shaking shoe and screen action, as well as the air separation in the first and second separating trunks, making of this machine practically a receiving separator.

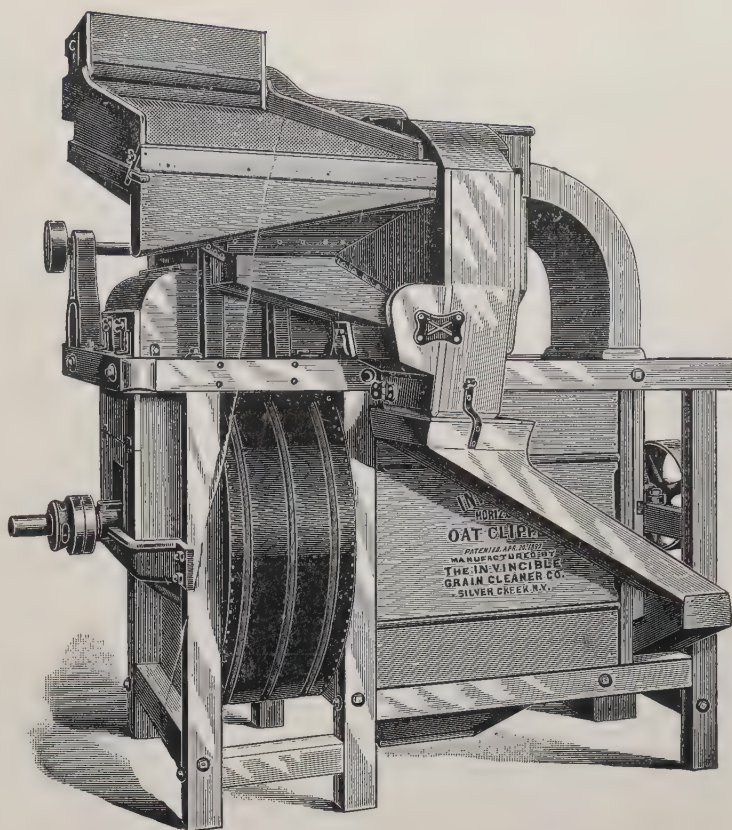
When used as a scourer or clipper the "carry-by-spout" is removed and the regular feed spout leading to the cylinder is inserted. This change is easily and quickly made.

For particulars and other information
write nearest office.

Invincible Grain Cleaner Co.
SILVER CREEK, N. Y.

F. H. MORLEY, Jr. 805 Webster Bldg., Chicago, Ill.
C. L. HOGLE, 622 Board of Trade, Indianapolis, Ind.
C. WILKINSON, 6027 Chestnut St., Philadelphia, Pa.
CHAS. H. STERLING, Jefferson House, Toledo, Ohio

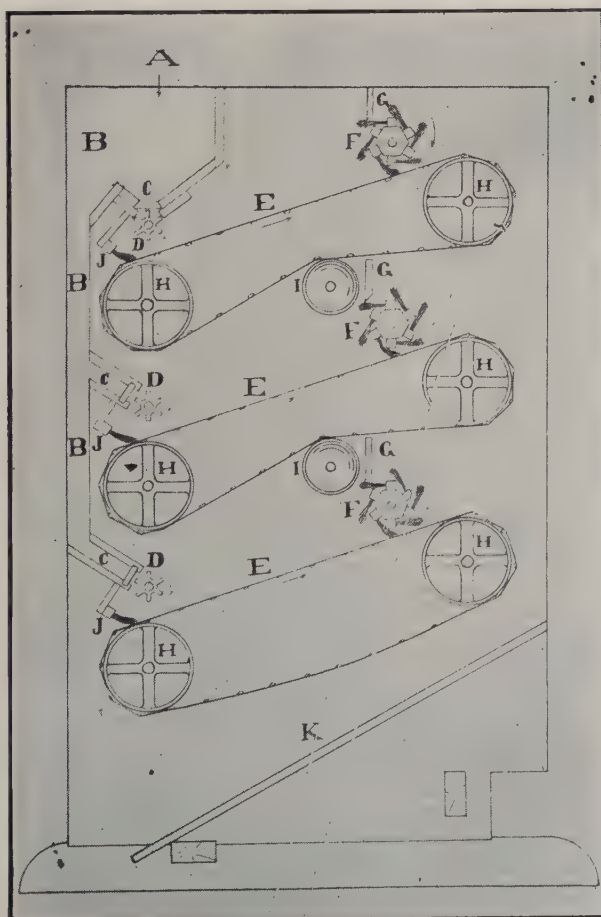
SPECIAL SALES AGENTS: BUCKLEY BROS., Louisville, Ky.,



REPRESENTED
BY

F. J. MURPHY, 234 Exchange Bldg., Kansas, City, Mo.
F. E. KINGSBURY, Terminal Hotel, St. Louis, Mo.
J. J. CROFUT & CO., 612 McKay Bldg., Portland, Ore.

STRONG-SCOTT MFG. CO., Minneapolis, Minn.



INTERIOR CONSTRUCTION

If you haven't already given your business the benefit of a Richardson Oat Separator and Screenings machine, study carefully this illustration. It's the inside arrangements that tell the story of its wonderful ability, its out of the ordinary results. Here are the key letters.

- | | | | |
|---|--|---|---|
| A | Where the grain enters | G | Brush cleaners |
| B | Grain supply for C | H | Iron pulleys 2 in. face covered with rubber |
| C | Individual supply to each apron | I | Apron supports |
| D | Positive feed rolls | J | Stationary brush |
| E | Steel aprons | K | Removable blank, or a seed screen if specified. |
| F | Revolving brushes, note the mopping effect of each brush | | |

In the

RICHARDSON Oat Separator

the sieve and suction principle has been eliminated and replaced by traveling steel aprons having pockets of various sizes and depths for separating grains of various lengths.

The apron principle is simple and acknowledged to be the only correct one for separating many difficult mixtures. For instance: Oats from wheat. Oats from barley needles. Wheat from oats and barley. All kinds of seeds from wheat, oats, barley, rye. Oats and wheat from screenings.

We have a very liberal thirty-day offer to make you. Ask us for it, today.

Grain Separator Co.

Sparta, Wis.

Winnipeg, Canada

P. O. Box
726

"Wanted" and "For Sale"

The rate for advertisements in this department is 20 cents per type line each insertion

ELEVATORS FOR SALE.

OHIO elevator for sale, handle coal, feed and seeds. Plant in first class condition, good grain section, good wareroom and implement room if wanted. Owner has other business. No competition. Address Box 7, Dayton, Ohio.

FOR SALE—Owner retiring from business, will sell for cash good elevator, also large oats storage bin, all on own ground—also fine feed business, at best grain station in Illinois. Address C. L. F., Box 5, Grain Dealers Journal, Chicago, Ill.

ILLINOIS elevator for sale on I. C. R. R., 25M capacity; in good farming section; handle from 175,000 to 200,000 bus. annually; no competition. Also a five-room house and one acre of land. Address Illinois, Box 7, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Elevator and corn mill. Buildings and machinery are modern and in good condition. No elevator within 180 miles; large amount of grain and grain products consumed in surrounding territories. Write for further particulars. Alexandria Mill & Ele. Co., Alexandria, La.

MINNESOTA elevator for sale, 15M capacity, warehouse 10M capacity; coal business in connection, capacity of coal sheds, 250 tons; business located on own land on C. M. & St. P. Will also sell 9 room dwelling on lot 100x264. Address Dale, Box 5, Grain Dealers Journal, Chicago, Ill.

NEBRASKA elvtr. for sale, cap. 17M bus.; complete with cleaners; corn cribs, coal sheds. Annual business, about 300,000 bus. Best location in town of 350. A money maker. Price \$7,000. Reason for selling, too much other business. Write for further particulars and terms. Address Cores, Box 5, Grain Dealers Journal, Chicago, Ill.

BLACKWELL, OKLA., elevator for sale. 25,000 bu. capacity, equipped with corn sheller and cleaner; wheat cleaner and clipper; 200 bu. hopper scales; three stands of elevators; gas engine. Located in the best farming section of Okla., with the prospects of a bumper wheat crop. Will sell at a bargain, as it is located too far from us. Address J. M. Moberley & Sons, Windsor, Ill.

ELEVATOR IN CENTRAL INDIANA with 2 acres of land and residence, for sale. Has metal sides and roof, cribbed bins, sheller and cleaner, feed grinder, motor power. In good grain belt; handle a number of side lines. Easy terms. A bargain if taken soon. Address Indiana, Box 2, Grain Dealers Journal, Chicago, Ill.

75,000 BUSHEL modern elevator, 5,000 bushel corn crib, 200 ton coal sheds, mouse proof flour and feed room for two car loads. Handles 150 to 200,000 bu. per year; only two elevators in good town of 700 people; corn cleaner; oats cleaner, weigh out scale, dump scale in elevator, coal scale outside. A first class business opportunity in N. W. Iowa. Address

St. John Grain Co.,
Worthington, Minn.

FOR SALE OR RENT, the best located elevator in the state, handle from 400,000 to 500,000 bushels annually from this station, only two other elevators in town, no farmers house here, feed mill in connection, grind 20,000 to 50,000 sacks feed for farmers annually, also 1,000 cars of produce shipped out of this station every year; on private grounds and on side track. For particulars address Woodgreen, Box 2, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

FOR SALE or would trade for land, 12,-000 bu. elevator; good location. Address J. F. Schmidt, Geneseo, Kansas.

GOOD KANSAS grain elevator for sale, cheap, at Sharon, Barber County. Address F. P. Hawthorne, McPherson, Kans.

TWO GOOD elevators for sale in So. Eastern So. Dak. A large territory, crops always good. Lock Box 115, Menno, S. Dak.

NORTHWESTERN OHIO—15,000 bus. elevator, coal business in connection; good territory. Address Maple, Box 3, Grain Dealers Journal, Chicago, Illinois.

FOR SALE—Three modern equipped elevators in Southwestern Minnesota, on C. M. & St. P. Ry. Address Modern, Box 9, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE—Have a nice lot to select from. Let me know your wants and how much you wish to pay. Address Jas. M. Maguire, Campus, Ill.

BARBER CO., KANSAS, elevator for sale, fine territory and large acreage sown. Investigate. Address Box 124, Liberal, Kans.

FOR SALE, Elevator at Independence, Ia., on I. C., at a bargain if taken before April 1st. Would also sell lumber and coal business. Write T. E. Sarcliff, owner.

FOR SALE—8,000-bu. iron-clad elvtr. in N. E. Kans.; doing a good business in grain and feed; reason for selling, other business. Address John, Box 1, Grain Dealers Journal, Chicago, Ill.

MARSHALL CO., KANS., elevator for sale. Located on M. P. Ry.; good town. Equipped with all necessary machinery. Good annual business. No trades considered. Address H. Box 3, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Two of the best money-making elevators in Central Ind. Good receipts grain and profitable side lines. Don't answer unless you mean business. Address Ross, Box 4, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Elevator of 65M bus. capacity, and branch house located in good town in No. Cen. Ill. Handles over 200,000 bus., also good coal and feed business. Only elevator in town. A-1 proposition. Address Max, Box 3, Grain Dealers Journal, Chicago, Ill.

ILLINOIS elevator for sale, 35M, strictly modern and IRON CLAD. Average annual business 200,000 bus. 10M corn cribs; coal bins, 200 ton capacity with 1,500 tons yearly sales. \$1,000 profit on coal alone. Elevator equipped with automatic scale, grain cleaner, feed grinder, etc. Good business; good town to live in. Address Sonper, Box 5, Grain Dealers Journal, Chicago, Ill.

OKLAHOMA CITY, OKLA.—Terminal elevator for sale or rent, with large storage capacity. Equipped with 100-ton track scale, 50-ton hopper scale, wagon and platform scales, corn sheller, clipper, cleaner and feed rolls. Motive power: 125-h.p., one 20-h.p., one 15-h.p., one 7-h.p. electric motors. One 40-h.p. boiler to operate Hess Dryer.

This elevator is on private property with trackage on both side, and has free switching to four trunk lines.

Will make favorable terms and accept good land in part payment.

Address J. C. Pearson, Marshall, Okla.

ELEVATORS FOR SALE.

IF YOU WANT to sell your elevator, insert an advertisement in the "Elevator For Sale" columns and get quick results.

FOR SALE—One good modern 25,000 bu. elvtr. in the best grain belt of Oklahoma. Address W-H, Box 4, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Two elevators, along with coal business; located in best grain products section of Indiana. Address Jeff, Box 6, Grain Dealers Journal, Chicago, Ill.

FOR SALE—Elevator, 5M capacity, sells everything that the farmer uses; on N. Y. C. Lines, 35 miles from Cleveland, Ohio. Cheap if taken at once. Address Bert, Box 4, Grain Dealers Journal, Chicago, Ill.

PUBLIC SALE

1:30 o'clock P. M., March 31, 1914, I will sell at public sale, to-wit: the following property; one 45,000 bu. capacity elevator located on Boulevard, West Marion, Ohio, on Penn. R. R. Property belonging to A. W. Baxter. Elevator in first class repair and doing a good business. Well equipped with corn meal machinery, etc. All modern conveniences and good coal business connected with same.

ELEVATORS WANTED.

WANTED—Grain elevator in Iowa or So. Minn., for good No. Dak. 160. Address Hawthorne, Box 5, Grain Dealers Journal, Chicago, Ill.

WANT TO RENT elevator with or without coal, feeds, etc. No implements. Mean business. Write fully. Address P. O. Box 14, Lacey, Iowa.

WANTED six or seven elevators in Kansas or Oklahoma; will buy, rent or lease them. Address Ly, Box 4, Grain Dealers Journal, Chicago, Ill.

WANTED—A five to ten thousand capacity elevator in Central Ohio. Give full particulars in first letter. Are cash buyers for the right proposition. Address Burke, Box 6, Grain Dealers Journal, Chicago, Ill.

EXCHANGE—Good 160 A. S. E. Kansas farm for elvtr. in Kans. or Mo. Elevator must show it has been handling 60,000 bus. of wheat annually. Address Kansas, Box 3, Grain Dealers Journal, Chicago, Ill.

192 ACRE FARM, ½ mile Hamilton, Ohio, 9 room brick house, 8 room frame house, 2 bank barns, one 40x90 and one 36x50. Good orchard; to exchange for elevator. Address Union, Box 1, Grain Dealers Journal, Chicago, Ill.

WANTED—Half or controlling interest in an elevator doing heavy business, handling other lines with grain—by successful, experienced grain man—will take active management. Address Randolph, Box 5, Grain Dealers Journal, Chicago, Ill.

EXCHANGE—We have about forty quarter sections of prairie lands, some of it improved, which is clear of incumbrance, for which we will accept elevators in the Dakotas, Northern Montana and Minnesota. Address H. Box 4, Grain Dealers Journal, Chicago, Ill.

ELEVATOR BROKERS.

HAVE A FEW very nice elevators within 100 miles of Chicago recently listed for sale. Some of these have eastern outlets, and are in splendid towns. Prices very reasonable. Terms can be arranged. Address James M. Maguire, Campus, Ill.

HELP WANTED.

A LARGE grain firm desires the services of a man thoroughly conversant with the mixed feed business. Address Hobbs, Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED—Experienced bookkeeper in grain office, Ohio city. Young man preferred, must be bright and active. State age and experience. Address A, Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED—Millwright with elevator and flour mill experience. State, age, experience, and salary wanted, also references. Address Oakes, Box 6, Grain Dealers Journal, Chicago, Ill.

EXPERIENCED GRAIN ELEVATOR managers and operators have 6,000 possible openings to apply for by making their want known through the "Situations Wanted" columns of the Grain Dealers Journal.

WANTED—To correspond with experienced Superintendent of Mill and Elevator Construction. Must have had experience in reinforced concrete, tank and foundation work. Address Scale Engineering Department, Kansas Grain Dealers' Association, Topeka, Kansas.

SALESMEN WANTED outside of New England to sell as a side line our Poultry Appliances to Grain, Hardware and Poultry Supply Dealers. Liberal Commissions; Quick Sales, and Exclusive Territory. Ideal Can Co., 147 North Washington st., Boston, Mass.

PARTNERS WANTED.

WANTED—PARTNER in new 24,000 bu. elevator in N. W. Ohio. Capital needed \$3,000 to \$6,000. References exchanged. Address Rome, Box 3, Grain Dealers Journal, Chicago, Ill.

PROPOSALS.

PROPOSALS FOR WOOD, FORAGE, ETC.—Dept. Quartermaster's Office, 556 Federal Bldg., Chicago, Ill., March 2, 1914.—Sealed proposals will be received here until 2 p. m., Central Time, April 1, 1914, for furnishing wood, forage, mineral oil, etc., at posts in Central Dept., during year commencing July 1, 1914. Information furnished upon application.—Amos W. Kimball, Lt. Col. Q. M. Corps.

GOVERNORS ISLAND, N. Y. H., March 18, 1914.—Sealed proposals, in triplicate, for furnishing Forage and Straw (three month's and a year's supply) and FUEL, GASOLINE, MINERAL OIL, BEEF and MUTTON, required in Eastern Department during year commencing July 1, 1914, will be received here until 10 a. m., April 17, 1914. Information furnished on application to Department Quartermaster.

MILLS FOR SALE.

WISCONSIN 50-bbl. steam roller flour mill and 10,000 bu. elevator for sale. This plant is in excellent grain territory and is on paying basis. Will consider trade for income property. Address Burr, Box 3, Grain Dealers Journal, Chicago, Ill.

SECOND-HAND BAGS AND BURLAP.

BURLAP BAGS OF EVERY KIND FOR SALE; new or second-hand, plain or printed with your brand; Seamless Cotton Grain Bags; Sample Bags, Burlap, Cotton Sheet- ing, or Paper for Car Lining, etc. Wanted: second-hand bags, best prices paid. WM. ROSS & CO., 409 N. Peoria St., Chicago

SCALES FOR SALE.

FOR SALE—One Fairbanks 30,000 lbs. capacity hopper scale, used two years; in good condition. Will sell cheap. Address Chris Fleker, Carlinville, Ill.

FOR SALE—One Richardson Automatic scale, five bushel capacity. Has been used about three months. Reason for selling, dismantled elevator. For particulars address Mayflower Mills, Fort Wayne, Ind.

SITUATIONS WANTED.

WANTED—Position by expert lady steno. in Chicago cash grain office. Address B, Box 6, Grain Dealers Journal, Chicago, Ill.

SITUATION wanted as manager of grain and coal business; 10 yrs. experience, 32 yrs. old; married; good references. Address Box 305, Fontanelle, Iowa.

POSITION WANTED as grain buyer; four years experience in one elevator; life time experience in grain. Satisfactory references. North Dakota preferred. W. R. Lewis, Dacoma, Okla.

WANTED—Position as mgr. of country elvt. or second man in larger concern; 2 yrs. experience; speak and write Swedish as well as English; reasonable salary to start; references. Address Box 1, Osco, Ill.

WANTED, by experienced grain and hay salesman, to represent Western grain and hay shippers, brokerage or joint account, with office in Pittsburgh, Pa. Address Court, Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED—POSITION as manager of elevator; 15 years experience, understand all the book work, also understand all about the buying and selling. Address Crest, Box 6, Grain Dealers Journal, Chicago, Ill.

EXPERT ACCOUNTANT wants position with reputable grain firm operating line houses. Can make investment if desired. Competent and experienced in general office work. Address South, Box 5, Grain Dealers Journal, Chicago, Ill.

YOUNG GRAIN BUYER with two years experience managing farmers' elevators wants to run a house in Western Dakota or Montana. Can accept job on ten days' notice. Address Miller, Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED—Position as manager of Farmers' Elevator, by married man; at present employed; best of reference from present company. Bond if required. Eight years' experience. Address S., Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED—POSITION as manager of grain, coal and lumber business; long experience; speak German and English. Can put some money with a good firm or invest same in other business. Address Iowa, Box 3, Grain Dealers Journal, Chicago, Ill.

POSITION WANTED as manager of elevator, with full charge, Central Illinois. Know grain, seed and coal business. Am double-entry bookkeeper; understand steam and gasoline and can run an elevator. Now employed. Can get the business and show results. Address Herod, Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED—POSITION with a farmers elevator company, by a good first class grain, coal and livestock man, one who has had twelve years' experience and can furnish best of references. Am at present employed, but on account of poor crops want to make a change. Address Lehigh, Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED a position as manager of an elevator Co. Have had five years experience in buying and selling grain, coal, flour and feed. Have had experience in running all kinds of elevator machinery. Have had seven years experience in bookkeeping. Can give bond and best of references. Will take position with Farmers Ele. Co. or Line Co. Address Louis, Box 1, Grain Dealers Journal, Chicago, Ill.

ELEVATOR OWNERS—We have a large list of competent and experienced elevator men, bookkeepers, auditors, managers and second-men, who are desirous of obtaining employment as soon as possible. If you are in need of a good man for any department, send full details regarding position, and we will gladly furnish you with the names of men competent to fill the place. This service is absolutely free. Address The Want Ad Man, Grain Dealers Journal, Chicago, Ill.

BUSINESS OPPORTUNITIES.

I WANT TO BORROW \$10,000 on my elevator and property, for five years. It cost \$23,000—carry \$15,000 insurance. Address Wade, Box 6, Grain Dealers Journal, Chicago, Ill.

I WANT TO BUY a grain business in Eastern Iowa on easy terms. Am responsible and have had successful experience. Have land and other property if you prefer to trade. Address Gates, Box 6, Grain Dealers Journal, Chicago, Ill.

WANTED—Grain and Lumber business in Iowa or Illinois town of not less than 1,000 population. Must be a good proposition. German community preferred. Address Lare, Box 2, Grain Dealers Journal, Chicago, Ill.

WESTERN SEED BUSINESS—Wishing to retire, will sell ½ interest in thriving seed business in good western city. Does \$125,000 to \$150,000 business annually. Address Western, Box 4, Grain Dealers Journal, Chicago, Ill.

FOR SALE—A general flour, feed and grain business; an up-to-date building and outfit. Grinding from \$100 to \$250 per mo. Storage for 7,000 bu. of grain and feed of all kinds. City of 6,000. W. H. Dearborn, Stoughton, Wisconsin.

BUILDING MATERIAL.

FOR SALE CHEAP—2,000,000 feet elevator cribbing, lumber, joists and boards; 2,000 sash and doors, all sizes. Our prices will surprise you. Write at once for bargains—the "Dynamos—Motors" columns of the Grain Dealers Journal, Chicago.

DYNAMOS—MOTORS.

DYNAMOS AND MOTOR BUYERS are reached in largest numbers and less expense by offering them for sale in the grain trade's accepted medium for power bargains—the "Dynamos—Motors" columns of the Grain Dealers Journal, Chicago.

WE HAVE the largest stock of second-hand electric motors and generators in America and buy and sell, rent, exchange and repair electrical machinery of all kinds. Send for our "Monthly Bargain Sheet," showing complete stock with net prices. **GREGORY ELECTRIC CO.** CHICAGO, ILLINOIS. All machines guaranteed in good order.

FLOUR FOR SALE.

MIXED CARS of flour and mill feeds in 100-pound sacks are our specialties. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, O.

2 JOURNALS \$2

Send us \$2.00 and we will send you the semi-monthly

GRAIN DEALERS JOURNAL
of Chicago
and the weekly
Hay Trade Journal
of Canajoharie

both for one year. Try Combination today.

Address
GRAIN DEALERS JOURNAL
315 S. La Salle Street
Chicago

MACHINES FOR SALE.

FOR SALE—No. 2 Cylinder Sheller and Cornwallis Corn Cleaner. Reasonable price if sold soon. A. C. Klauman, Cuba, Kans.

SACRIFICE SALE NOW ON.

All Makes and Sizes of Attrition Mills. 16" to 24" Robinson's\$65 to \$120 ea.
16" " 26" Unique's 60 " 130 "
16" " 36" Monarch's 60 " 200 "
16" " 36" Foos's 60 " 200 "
16" " 26" American's 55 " 200 "
16" " 24" Halsted's 55 " 135 "

Many types of single head mill also. We need the room for other purposes.

All the above mills completely remodeled and reconstructed. Guaranteed to be in as near a new condition as second-hand machines can be made. Also a full line of Roller Mills, Separators, Reels, Roller Feed Mills, Shellers, Buhr Mills, Corn Crushers, Crackers, etc. Write us for catalogs today. Give us a chance on all your requirements, whether new or second-hand.

George J. Noth,

No. 9 South Clinton Street, Chicago, Ill.

FLOUR MILL, FEED MILL AND ELEVATOR MACHINERY AND SUPPLIES.

The largest Stock of Overhauled and reconstructed Machinery in the World.

Roller Feed Mills: 9x14 and 9x18 Barnard & Leas, 9x18 Noye, 9x18 Nordyke and Marmon; one 9x24 Northway; one 9x24 Dawson, 9x24 Allis three pair high; and 9x18 and 9x30 Hutchinson; 9x30 Acme; two pair high; two No. 1 and two No. 2 Willford, three roll high, and many other listed in our Bargain Book.

Write for one—Mailed on request.

Corn and Cob Crushers:—No. 1 Richmond, No. 14 Economy, No. 5 and No. 6 Excel, Foos Scientific Mills, No. 2 "Triumph," 2 No. 7 and one No. 12 Sullivan, etc.

Attrition Feed Grinding Mills—16, 20, 24, and 30 inch "Monarch"; 18 "Modern Special"; 30 inch "American"; 16, 19 and 24 inch Foos; 24 inch "Unique."

Single Roller Mills:—9x18 and 9x24 "Noye"; 9x18 "Odell"; 9x12 "Case"; 10x24 and 12x24 "Downtown"; 12x30 Allis.

Double Roller Mills:—All Sizes and Makes.

Separators, Oat Clippers, Scourers, Dust Collectors, and Everything for Flour Mills, Feed Mills and Elevators.

Elevator Belts with Buckets Attached, at Extremely Low Prices—in either Cotton, Rubber or Canvas—Stitched Belt with "Salem" Steel Grain or Steel Corn Buckets Attached.

Address Dept. Q for "Gump's Bargain" Book, giving complete list of all Machinery, Belting, Pulleys, Shaftings, Elevator Belting, Buckets, etc., with Net Prices. Mailed Free on Request.

Est. 1872.

Inc. 1901.

B. F. GUMP CO.,
431-437 So. Clinton St.

Chicago,

Illinois.

MACHINES FOR SALE.

FOR SALE—One 12" Robinson Attrition Mill, used one year, good as new. New Sealing Rings and Grinding Plates. Price \$100.00.

One Victor Combined Sheller and Cleaner, mill size \$35.00.

One 24" Monarch French Stone Buhr Mill and elvtr. in perfect condition, \$100.00.

D. O. Friend,

Brighton, Iowa.

FOR SALE—One Eureka Milling Separator No. 201, capacity 150 bushels per hour; one Eureka Scourer No. 22, capacity 150 bushels per house, both complete and in first class condition, were replaced by machines of greater capacity. Will sell at a bargain. The New Era Mfg. Co., Arkansas City, Kansas.

MACHINERY BARGAINS.

1 4 h.p. Gasoline Engine.....\$75.00
2 Boot Tanks, each..... 20.00
1 No. 4 Buffalo Fan..... 15.00
1 Steam Condenser 30.00
1 Grain Spout complete..... 4.00
1 large bell 20.00
10 Belt Tighteners, each..... 5.00
500 Salem-cups, 6x16, each..... .12
50 " 6x18 "12
500 Empire Buckets, 5x16..... .06
150 " 6x18 "06
1 26" 6 ply 90 ft. Drive Belt..... 50.00
2 26" 3 ply 125 ft. Conveyor Belt, ea..... 50.00
All of the above are in good condition and snaps at the prices offered.

La Crosse Wrecking & Lumber Co.,
La Crosse, Wisconsin.

GASOLINE ENGINES.

FOR SALE—28-30 h.p. Foos standard horizontal, \$365. 100 other sizes and styles. State your power needs. Badger Motor Co., Milwaukee, Wis.

FOR SALE—20-h.p. Otto gasoline engine, Engine is in excellent condition and just the thing for country elevator. The Wichita Mill & Elvtr. Co., Wichita Falls, Tex.

FOR SALE—10 h.p. Otto gasoline engine. Will be sold for \$175 less than half its original cost. Been used but a short time and is in first class condition. Would make fine engine for elevator. Address Sun, Morris, Minn.

GASOLINE ENGINES FOR SALE.

44 H. P. Fairbanks-Morse.
25 H. P. Columbus.
25 H. P. Fairbanks-Morse.
22 H. P. Fairbanks-Morse.
15 H. P. Fairbanks-Morse.
12 H. P. Fairbanks-Morse.
6 H. P. Fairbanks-Morse.
4 H. P. Fairbanks-Morse.
Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 547 W. Monroe St., Chicago, Ill.

DIRECTORY

OF THE

Grass Seed Trade

BALTIMORE, MD.

Hurlington & Co., John J., whse. seed merchants
Scarlett & Co., Wm. G., whse. seed merchants.

BUFFALO, N. Y.

Whitney-Eckstein Seed Co., grass and field seeds

CHICAGO, ILL.

Dickinson Co., The Albert, seeds.
Illinois Seed Co., The, grass and field seeds

EVANSVILLE, IND.

Small & Co., W. H., seeds, grain and hay.

INDIANAPOLIS, IND.

Indiana Seed Co., The, Seed Dealers.

LOUISVILLE, KY.

Hardin, Hamilton & Lewman, field seeds.
Louisville Seed Co., grass seed dealers.
Ross Seed Co., field seeds, exporters.

MADISON, WIS.

Olds Seed Co., L. L., Wis. field seeds.

MEDIA, ILL.

Lewis, E. G., field seeds.

MILWAUKEE, WIS.

Courteen Seed Co., field seeds.
Rosenberg & Lieberman, alfalfa, clover, etc.
Teweles & Co., L., grass and field seeds.

MINNEAPOLIS, MINN.

Minneapolis Seed Co., field seeds.

NEW YORK, N. Y.

Leifmann's Hamburg, rep. I. L. Radwaner, fld. sda.
Loewith, Larson & Co., clover, grass, field seeds.

TOLEDO, OHIO.

The Toledo Field Seed Co., clover, timothy.

TORONTO, ONT.

Steele, Briggs Seeds Co., Ltd., field seeds.

PHILADELPHIA, PA.

Philadelphia Seed Co., Inc., The, Whse. Field Sds

For
Your Benefit-

Perhaps you never looked at it this way, but our bank is ready to serve you in every legitimate business way.

THE NATIONAL CITY
BANK OF CHICAGO

Capital \$2,000,000.00 Deposits \$31,283,201.31
Surplus and Undivided Profits \$830,627.50



Approved by
the Chicago
Board of Trade
as a Margin
Depository.

105 S. Dearborn St.
CHICAGO, ILL.

Want an Elevator?

Then consult the "Elevators for Sale" columns in this issue of the Grain Dealers Journal.

KEEP POSTED

GRAIN DEALERS JOURNAL

315 So. La Salle St., Chicago, Ill.

Gentlemen:—In order to keep us posted regarding what is going on in the grain trade outside our office, please send us the *Grain Dealers Journal* on the 10th and 25th of each month. Enclosed find One Dollar and Fifty Cents for one year.

Name of Firm.....

Capacity of Elevator.....

Post Office.....

..... bus.

State.....

SEEDS FOR SALE—WANTED

"MAY BELL" Brand Pure Field
WE BUY **SEEDS** WE SELL
ROSS SEED CO., Louisville, Ky.

WE BUY AND SELL
Clover, Timothy, Alfalfa, Millet, Seed Grain
and Seed Potatoes.
Our Specialties—Wisconsin Pedigree Grains
and Wisconsin Grown Seed Corn.
L. L. OLDS SEED CO.
MADISON WISCONSIN

Crabbs, Reynolds, Taylor Co.
Crawfordsville, Ind.
WE BUY WE SELL **CLOVER SEED**
Write Us

I. L. RADWANER
American Rep.
R. LIEFMANN
SONS
Succ.
HAMBURG

Red Clover
Alfalfa
Dwarf E. Rape
White Clover
Alsike
Natural Grass
English Rye
Red Top

171
Broadway
NEW YORK

GRAIN WANTED.
HAY AND GRAIN WANTED
Wheat, Corn, Oats, Hay, Straw, Milling
Buckwheat, Bran, Middlings, Red Dog,
Potatoes. C. T. HAMILTON, New Castle,
Pa.

GRAIN FOR SALE.
GERMAN MILLET is our specialty and
we are now in position to supply your
trade with car lots or less; sample on re-
quest. D. H. Clark, Galt, Mo.

SEEDS WANTED.
LEWIS & CHAMBERS,
Louisville, Ky.,
are buyers, in season, of
clover, timothy, red-top, etc.

SEEDS WANTED.
Send samples and prices High Grade Red
Clover, Timothy, Alsike, Alfalfa, Red Top,
Millet, Cane, Kaffir Corn, etc.
Blamberg Brothers, Inc.
Baltimore, Md.

Have 10,000 Bu. CHICKEN FEED WHEAT on hand
Wire or Write for Samples and Prices
HUHN ELEVATOR COMPANY
Chamber of Commerce, MINNEAPOLIS, MINN.

ALFALFA SEED
Non-irrigated New Crop
ROYAL QUALITY KANSAS GROWN
Over 99 per cent pure
We also make a Specialty of
MILLET AND CANE
We will be pleased to submit samples and prices upon application.
RUDY-PATRICK SEED CO.
1304 W. Eighth St., KANSAS CITY, MO.

For Sale



For particulars see the
"ELEVATORS FOR SALE"
columns of the Grain Dealers Journal, Chicago

Those looking for elevator properties invariably
consult its "Elevators for Sale" columns. If
your elevator is for sale, make the fact known to
the entire trade, put your For Sale sign in the
"Elevators for Sale" columns, then you can be
sure of selling quickly at a good price, and pay
no commission on sale.

If you do not wish neighbors to know your
elevator is for sale, you can have replies come in
our care and we will forward them daily.

POST YOUR PRICES

TODAYS PRICES	
OATS	45
CORN	77
WHEAT	101
RYE	118
BARLEY	134
CLOVERSEED	950

and stick to them. The
farmer likes to know he is
getting a square deal.

An attractive, conven-
ient Bulletin for posting
the prices you are bidding
for grain, seeds and hay,
will save you money.

Price Posting Bulletin
Form 1 is made of heavy
No. 30 gauge steel,
japanned so that it will
not rust. Top piece con-
tains the words "TODAY'S
PRICES" in bold, white
type; punched for screw
hooks. Six card holders
are hung to top so as to
provide room to post
prices bid for different
commodities.

Card holders are turned
over on top and bottom
edges so they will hold the
cards firmly. Complete set of cards bearing the words,
Oats, Wheat, Rye, Barley, Y. Corn, W. Corn, Flax,
Clover, Timothy, Alsike and Hay; and 10 sets of digits
so that the price of each commodity may be easily and
quickly posted.

Order Form 1.

Size 14x19 $\frac{3}{4}$ inches.

Price \$2.00

GRAIN DEALERS JOURNAL
315 South La Salle St. Chicago, Ill.

SEEDS FOR SALE—WANTED

SEEDS FOR SALE.

SEED CORN FOR SALE.

I have 4,000 bushels Reid's Yellow Dent at \$3.50 per bushel. Orders filled as received. Clarence T. Walton, Champaign, Ill.

FOR SALE.

RED CLOVER SEED AND WHIPPOORWILL PEAS.

HORNER ELEVATOR & MILL CO.,
LAWRENCEVILLE, ILL.

CLOVER SEED FOR SALE.

Send for samples and prices, stating how much you want. We have large stock Little Red, Alfalfa, Timothy, Cow Peas, etc.

McCoy & Garten,

326 So. Cap. Ave., Indianapolis, Ind.

FOR SALE—Choice Selected Seed Corn suitable for Illinois, Iowa, Nebraska, Kansas and Missouri. Yellow and White varieties. Prices right. Write for particulars.

The McCaull-Webster Elevator Co.,
Sioux City, Iowa.

CLOVER

TIMOTHY

Choice new-crop recleaned seeds. Offer at \$13.00 to \$15.00 Cwt. \$4.00 to \$5.00 Cwt. F. O. B. Our track. Subject market changes.

Write for samples.

HOFER SEED CO., NORA SPRINGS, IOWA



SEEDS FOR SALE.

FOR SALE—Timothy Seed, Medium Clover, Alsike Clover—ask for price and sample. Friedley Bros., Carrothers, Ohio.

CLOVER SEED wanted. Have buyers for car lots or less, clover. Mail samples and offers. G. S. Mann, Postal Tele. Bldg., Chicago, Ill.

SEED CORN YOU WANT—Imp. Reid's Yellow Dent, Leaming, Boone County White. Also Medium Y Soybeans and Clover.

E. G. LEWIS,

Media, Henderson Co., Ill.

WHITE SILVER MINE SEED CORN FOR SALE 1912 CROP—I have 4,000 bushel choice white seed corn for sale at \$2.50 per bushel f. o. b. this station. No charge for sacks. This corn is shelled, well graded and thoroughly tested and found very high in germination. Cash with all orders. Special prices on 100 bushels lots and over.

H. T. Walton, Grain Dealer,
Mayview, Ill.

COAL SALES BOOK

FOT RETAIL COAL DEALERS

It facilitates bookkeeping, and reduces the chance for error. Practically three books in one: 1. Original entry of all sales made. 2. Original entry of the scale weights. 3. Journal from which the posting is done.

It contains spaces for 6,000 wagon loads. Each page is ruled with column headings, as follows: Date, Ledger, Folio, Purchaser, Gross, Tare, Net Pounds, Price Per Ton, Amount.

This book is 8½x14 inches and contains 150 numbered pages of superior ledger paper. Well bound with best binder board, covered with cloth, leather back, and round leather corners.

Order Form 44. Price, \$1.75.

GRAIN DEALERS JOURNAL

La Salle St., CHICAGO, ILL.

SEEDS FOR SALE.

RECLEANED German Millet, \$2.00 per hundred. Shipped in carload or small lots. J. W. Richards, Ferris, Ill.

ALFALFA—Good recleaned, not irrigated seed. Write for sample, price. J. Jacobson, Formoso, Kansas.

SOUTHEAST NEBRASKA SEED CORN, nine varieties. Mention quantity wanted. Edward Bartling Seed Co., Nebraska City, Nebraska.

FOR SALE—Wisconsin grown Medium Red, Alsike and White Clover seeds, in car lots or less. We can save you money on your purchases. Pick Brothers Co., West Bend, Wisconsin.

10,000 bushels of big yielding varieties of seed corn. Consisting of Reids, Yellow Dent, Silvermine, Leaming and Johnson County White Dent. Can furnish in large or small lots. **MCGREER BROS., COBURG, IOWA**

The Toledo Field Seed Co.

Clover and Timothy Seed

Consignments solicited. Send us your samples.

Toledo, Ohio

HEMP MILLET

SUNFLOWER FIELD PEAS

ORCHARD GRASS

NATURAL GRASSES

SAND or HAIRY VETCH

DWARF ESSEX RAPE

CRIMSON CLOVER

WE ARE DIRECT IMPORTERS

Ask for Special Prices
Carlots or Less

Wm. G. Scarlett & Co.

SEED MERCHANTS

BALTIMORE, MD.

Buy Our Celebrated BADGER BRAND



Selected Seeds and Seed Corn

L. Teweles & Company

Established 1865

MILWAUKEE, WISCONSIN

Pioneer Distributors of Pure Seeds

Alfalfa

Red Clover

Alsike Clover

White Clover

SEEDS

Timothy

Peas

Vetches

Rape

Always Reliable

SEED CORN

Best Results

SEEDS FOR SALE—WANTED

SEEDS FOR SALE.

I HAVE 2,500 bushels of St. Charles white seed corn for sale in carload lots. Write for sample and price. Address J. H. Holtorf, Malmo, Nebr.

FOR SALE—Home grown clover and timothy seed. Guaranteed to comply with seed laws of any state. Write for samples and price. C. E. Atherton & Co., Deep River, Ia.

FOR SALE—Choice early varieties Northern Grown Seed Corn, Minn. 13, Early Muddock, Early White Dent, Ried's Early Yellow Dent, at \$1.50 f. o. b. Parkston. Special prices in car lots. Send money with orders. Charles Zehnpfennig, Parkston, S. Dak.

SEED FOR SALE.

German Millet, Timothy, Sapling, Medium Red and Alsike Clover, Cow Peas. Cane Seed and Seed Corn of all varieties. We will buy Oats, white and black mixed, bulk cars, mail samples and lowest prices.

Wood, Stubbs & Co.,
Louisville, Ky.

SEEDS FOR SALE.

FOR SALE—Best quality clover and timothy seeds. Also Ried's Yellow Dent seed corn, 1912 crop. Write for samples and prices. A. D. Hayes Co., New London, Ia.

BURT SEED OATS FOR SALE.

Cleaned genuine early Burt Seed Oats for sale at 60c per bushel in burlaps, any quantity. Special price per carload. Sample on request.

Waterloo Milling Co.,
Waterloo, Ill.

HUMISTON & ST. JOHN FIELD SEEDS

Worthington, Minn.

Some choice lots of Minn. No. 26, Swedish Select, Big Four and Early Yellow Oats. Clean Barley, Flax, Timothy and Clovers. Minnesota No. 13 and Wisconsin No. 7, Seed Corn.

All our Corn and Seed Grains are Minnesota grown, selected with care as to variety and cleanliness. Samples and price upon application. In car lots or less.

SEEDS FOR SALE.

ALFALFA seed direct, for price and sample, write J. L. Maxson, Buffalo Gap, South Dakota.

SWEET CLOVER SEED, white and biennial yellow. Prices on request. Bokhara Seed Co., Box 93, Falmouth, Ky.

FOR SALE—M. R. Clover, German Millet, and Timothy. ALL HOME GROWN. Very choice. Ask for samples and prices. M. Young & Co., Winterset, Iowa.

IF YOU WISH to get in touch with a large number of dealers who have grain of all kinds for sale, insert an advertisement in the "Grain Wanted" columns of the Grain Dealers Journal, Chicago.

We Buy and Sell

Wheat Screenings, Cane Seed, Salvage Wheat and Kafir Corn. Write or wire for prices.

HENRY LICHTIG GRAIN CO., Kansas City, Mo.



ALFALFA AND RED CLOVER

our specialties.

Also dealers in Alsike Clovers, Timothy, Millets, Rape, Grasses, Buckwheat, Seed, Corn, etc.

You will find us willing to pay top prices for quality seeds. Write for sample envelopes.

ROSENBERG & LIEBERMAN
Founded 1860 Milwaukee, Wis.

SEEDS

Grain, Clover and Grass Seeds,
CHAS. E. PRUNTY,
7, 9 and 11 South Main St. SAINT LOUIS

FIELD SEEDS

THE
ILLINOIS
SEED
COMPANY

1521-35 S. Peoria St.
CHICAGO,
ILL.

FOR IMMEDIATE SHIPMENT

FROM NEW YORK

EUROPEAN Fancy ALFALFA

WHITE CLOVER

CRIMSON CLOVER

ALSIKE CLOVER

SAND or HAIRY VETCHES

DWARF ESSEX RAPE

BROMUS INERMIS

Samples and Prices upon request

LOEWITH, LARSEN & CO.

150 Nassau St., NEW YORK



Timothy—Red Clover—Alsike—
Alfalfa—White Clover—Crimson
Clover—Canada Bluegrass—Ken-
tucky Bluegrass—Redtop—Millets
—Lawn Seed—Orchard Grass—
Seed Grains—Peas—Popcorn, etc.

WHITNEY - ECKSTEIN
SEED CO.

BUFFALO, N. Y.

Correspondence Invited

THE ALBERT

DICKINSON

COMPANY

SEEDS

Timothy
Clover
Flax
Agricultural

CHICAGO

Grain Bags
Pop-Corn
Seed Corn
Beans, Peas

MINNEAPOLIS

A New Cleaner

Wild and Tame Oats Guaranteed Separated From Wheat to $\frac{1}{2}$ Pound Once Through. NO Wheat Wasted —400-500 Bushels Per Hour.

This machine is the result of 30 years experience in dealing with dirty grain in a cleaning way. It is a departure from all other devices used to clean grain for commercial purposes—and it has abolished the idea that perfect work in cleaning grain can not be accomplished with great capacity. This machine is a combination suction and blast machine absolutely dustless—with a sideshake of the separating gang and a repeat system

catching the oats at the point where they may go thru if at all with the wheat and elevating them back to the hopper.

The No. 60 Marquis Combined Suction and Blast Cleaner and Separator

is made in several sizes for Terminal Elevators, for Country Elevators and for Warehouses. It has been installed in about 150 elevators in the wild oat belt and in several Terminals in Minneapolis and Duluth and are giving in each and every instance perfect satisfaction. We will be glad to send you a complete list of Elevators where the machine is used—and you can investigate fully. Write for full particulars, catalogue, prices and specific guarantee which we make part of the contract.

If you are handling wheat or barley mixed with oats this machine will make it pay you to substitute it for any other machine you may have. Tell us what you want accomplished when you write.

J. L. Owens Co. Chamber of Commerce
MINNEAPOLIS, MINN.

We make a full line of other cleaners for all conditions and purposes in elevators, warehouses or seed houses anywhere in the country. Let us quote on your special requirements.



GRAIN DEALERS JOURNAL

[Incorporated]

Published on the

10th and 25th of Each Month at

315 S. La Salle Street, Chicago, Ill.

CHARLES S. CLARK, Manager.

SUBSCRIPTION RATES

To United States, Canada and Mexico, semi-monthly, one year, \$1.50; one copy, 10 cents.

To Foreign Countries within the Postal Union, prepaid, one year, \$2.50.

A Red Wrapper on your Journal means your subscription has expired.

THE ADVERTISING

value of The Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited.

LETTERS

on subjects of interest to those engaged in the grain trade, news items, reports on crops, grain receipts, shipments, and cars leaking grain in transit, are always welcome.

Entered at the Chicago, Ill., Post Office as Second-Class Matter Aug. 5, 1898.

CHICAGO, ILL., MARCH 25, 1914

SEED corn will need more careful testing this Spring, than for years past. Grain dealers everywhere owe it to themselves and their farmer patrons, to impress upon them, the necessity of carefully testing every bit of seed planted.

THE FRIENDS of the McCumber bill were deeply grieved when the bill dropped to the foot of the Senate calendar thru a blunder by the astute Mr. McCumber himself. The Senator has apparently been so busy lobbying for his great reform that he has not been able to keep versed in the niceties of parliamentary procedure.

OUR NEWS columns this number tell of the building of sixty-one new grain elevators and annexes, which proves quite conclusively that grain dealers are convinced they will have a large crop to handle this year. It is gratifying to note that the specifications of the new elevators show an ever-increasing demand for fireproof structures.

IN ordering the payment of reparation claims the Interstate Commerce Commission sets a date by which time the railroad company must make refund; and it is also compelled to pay interest at 6% per annum on the amount of the overcharge from the date it was collected to the date of the refund. If a similar plan were enforced for loss and damage claims, the vexatious delays that are now experienced would be greatly reduced.

HAS Congress decided that there is not sufficient grounds to justify the investigation demanded by Congressman Manahan? If the investigation is to be conducted, a strong committee should be appointed immediately and set to work. Otherwise the committee should report that there are no grounds to justify such an investigation and thus relieve the exchanges of suspicion.

GRAIN Buyers who doubt their ability to buy corn from farmers on grade, owe it to themselves to consult the views of their customers. One grain man who has made a careful canvas of his patrons reports that "90% of them objected to selling their corn at the same price as that produced by any other farmer. They insist that buying all corn at the same price is not fair." They will welcome the day when the dealer buys by grade, and gives them the full market value for their good corn, and discounts the farmer with the rotten stuff, enough to discourage his repeating an attempt to market no grade corn.

THE POLITICIANS of the land through their commissions, inspectors and supervisors are determined to build up a great army of office holders, regardless of the fact that they will unnecessarily increase the cost of doing business. In former days it was sufficient to enact laws telling men what they could do and what they would suffer in case they did not comply with the law, but because few laws were enforced, the politicians found some excuse in the establishment of supervision for everything. It has not been necessary for anyone to do violence to public ethics or interests. If the politicians see fit to establish a board of supervisors or inspectors, those engaged in that line of business must submit and pass the expense of maintaining the hungry horde of pap suckers on to the producer and the consumer.

OVERBIDDING has long been the curse of many country grain markets, but few markets have been embarrassed with twice as many dealers as they have use for. In one Ohio market told of in this number, six grain buyers continually scrap and prevent any one making a living. Recently all were paying as much as they were bid their track for grain. Each insists that it is impossible to buy grain on grade or by written contract, and one poor dealer, who has few bins, mixes white, yellow and mixed corn all together and takes his discount. On one occasion, he mixed wheat with oats, just so as to get to handle the grain. When men get so headstrong they will not permit their competitors to handle grain at a profit it would be better for them to go out and plow corn, because they will then be sure of something to show for their efforts at the end of the day.

THE CALIFORNIA elevator described in this issue is painted white in order to give it an attractive appearance. Perhaps love of beauty is more highly developed in the Golden State than elsewhere; but every grain dealer should endeavor to make the grounds around his elevator as pleasing in appearance as possible. The plant of the Cleveland Grain Co. at Sheldon, Ill., is a good example of what a little grass seed and energy will do.

UNTIL dealing in grain for future delivery is stopped, any grain dealer will pay the producer almost the full market price for grain, because he can sell it to speculators nearby immediately. When the middleman is compelled to assume the risks of ownership all the way from the producer to the consumer at the earth's extremities he must assume all the risks of grading, deterioration, loss, and declining markets; hence must insist upon a much wider margin of profit than has been known for many years.

A MINNESOTA correspondent in this number tells of a fire which started from spontaneous combustion in three feet of dust which had accumulated under the elevator. The wonder is that fire did not start long before three feet had accumulated. The up-to-date elevator has a deep, well-lighted basement, lined with cement, so as to keep out water and rodents and to facilitate the cleaning up of any spillage which may occur. Such a foundation not only minimizes the fire hazard but also enables the operator to save much grain which otherwise would be wasted.

INSPECTION of seeds in the fields is the latest step in seed control work. Wisconsin this year will have a corps of inspectors traveling thruout the state; and even Canada will employ men to inspect seed corn in southwestern Ontario. The government seems destined in time to extend its supervision to the point where it will buy the seed for the farmer, give him minute instructions as to its growing, tell him where to sell his crop and how much to sell it for, and then provide a bank in which he can deposit the proceeds. The farmer will be coddled right.

COMPULSORY grain inspection will probably develop into an important political issue next year in Kansas. George B. Ross, state grain inspector, is actively fighting for compulsory inspection, altho he is having difficulty convincing the farmers of its necessity. Mr. Ross insists that he is anxious only to protect the farmers from their enemies, but the Kansas farmers seem to suspect that his real reason is to increase the importance of his position and the number of his employes. Perhaps Mr. Ross will next be urging the Kansas legislature to protect the farmers from themselves!

AT LAST the stock exchanges seem determined to do their part in wiping out the bucket shops, the fakers and swindlers who have imposed upon the public in the name of the exchanges and brought them into disrepute, when they were in no wise to blame.

THE ILLINOIS Ass'n has started a member getting campaign which promises to arouse the workers to their best efforts. The member securing the most new members between now and the Cairo meeting will be invited to go to the convention with his lady without cost.

CHARGES for spotting cars will be collected from grain shippers everywhere unless they put up a more active opposition to this unreasonable tax. As is clearly pointed out by Secretary McCord of the Ohio Ass'n, in a brief published elsewhere in this number, elevator men perform a distinct service for the railroads. In the early days of bulk grain shipments most of the railroads built and rented bulk handling grain depots. Several of the eastern railroads continue the practice to this day. The grain dealer rented bins in the house and in some cases the grain was loaded into cars under the direct supervision of the local station agent. At the vast majority of stations, however, the grain dealer now builds his own elevator, equips and operates it at his own expense, with the result that the grain of all comers is stored and promptly loaded into cars without cost to the railroad. Shippers who are opposed to paying this proposed spotting charge should write their views forcibly and quickly forward to the Interstate Commerce Commission.

THE INSTALLATION of grain cleaners in all public elevators has been demanded by The United Farmers of Alberta who met recently in Lethbridge and adopted resolutions to this effect. It would be an excellent thing if the farmers everywhere would either install cleaners themselves or else demand that the grain buyers not only install cleaners, but use them on all farmers' grain received and return the screenings to the farmer, as demanded by the growers of Alberta. If all grain were cleaned before being placed in the car less would go out of condition and fewer shipments would be docked because of their failure to grade. This action on the part of the farmers of Alberta is a radical departure from the practice of wheat growers the world over. In India they wilfully mix the full limit of dirt, hoping thereby to realize more money from their crop. The wise grain dealer not only docks the farmers for the dirt and screenings left in by the thresher, but also for the cost of removing it, and it is perfectly proper that he should do so, because until it is removed the grain is not in marketable condition.

BOTH KANSAS and Iowa co-operative elevator companies are fighting for lower export rates on grain to Gulf ports. At the same time the millers have indicated that any such reduction would meet with their determined resistance. To reduce or not to reduce, that is the question before the western freight traffic managers. However, as their instinctive course is an upward one, at least so far as freight rates are concerned, it would probably take the combined efforts of several state commissions and the Interstate Commerce Commission as well to bring about the demanded reduction.

NEBRASKA, in hope of adding to the cost of living, has joined New York in requiring commission merchants to take out a license before doing business. This will of course necessitate the commission merchant increasing his charges to meet the increased cost of doing business and in the end it will come out of the producer and the consumer, without any material benefit to anyone. The shyster will not hesitate to solicit shipments with or without a license. When he wants to rob a shipper he does not hesitate to break all the laws forbidding it. The new law simply places a tax on the dealer who is disposed to do business on the square. The sharks always make a quick getaway and before it is discovered they have no license. Such laws merely punish the man who respects all law because of the swindling operations of the fly-by-night.

THE UNIFORM B/L is under attack by shippers and it is to be hoped that some of its iniquitous provisions may soon be altered. The four months' limit on claims is an outrage. The railroads' liability for claims should be subject to the same limitation that the ordinary business man must accept, that provided under the statute of limitations. The 10% additional charges demanded by the carriers for accepting their common law liability is another holdup. Perhaps the carriers will shortly propose that they will haul all grain in coal cars unless shippers pay 20% additional for the use of box cars. The reason the carriers have successfully obtained conditions favorable to themselves in the B/L is because they are a strong band of wealthy corporations, the most powerful organization in existence, because they have unlimited funds for the employment of brilliant legal talent and for employment in any other way that seems useful. Shippers, on the other hand, are practically unorganized; they fight as individuals and without anything approaching the resources of their antagonists. Their only hope is in the Interstate Commerce Commission, which is not a judicial body, as is sometimes asserted, but is the only defense the general public has against the transportation companies.

THE COURTS seem disposed to give the Interstate Commerce Commission exclusive jurisdiction over the regulation of interstate railroad rates. This week a United States circuit judge at St. Louis dissolved a temporary injunction restraining the Wabash from filing new rates for shipments, on the ground that the Interstate Commerce Commission alone had authority to decide whether the railroad could file a new schedule of rates. The railroads can appeal from the decisions of the Commission but the shippers have no appeal; so if the Interstate Commerce Commission sees fit to grant the long asked for increase in freight rates, the shippers will have no relief. Is that fair?

ST. PAUL has contracted to buy a gold brick, and the cub reporter is spreading himself in bragging about the purchase. At a conference held in the Minnesota capital yesterday the Ass'n of Commerce agreed to permit the so-called Equity Co-operative Exchange, now pretending to do business in Minneapolis, to move its headquarters to the capital. Everyone who knows will congratulate Minneapolis on its relief from the pest; and when the capital city learns exactly what it is to get, its enterprising committeemen will be sorely afflicted with chilblains. When the great elevators are erected, which the reporter firmly says will be erected, they will be looked upon by the grain trade as convincing proof of asinine folly.

THE ERIE CANAL, when completed, should make it possible for western shippers again to route grain all water at lower than the existing rail rates, but this should not prompt shippers to hesitate to fight the railroads which have control of the lake transportation lines and force most of the grain to the seaboard all rail. The Interstate Commerce Commission should be able to see that the railroad companies are robbing the people of their greatest heritage. The railroads have, through the agency of extortionate transfer charges and unreasonable rail rates for ex-lake grain, prevented western shippers from getting grain to the seaboard at reasonable rates. At a hearing before the Commission recently it was shown that since eastern railroads notified the Commission in 1910 that they could borrow no more money and therefore must have increased rates to meet their expenses, they have sold securities aggregating more than \$500,000,000. This does not include a stock dividend of \$20,000,000 paid by the Pennsylvania; and no doubt some of this money was used to buy and control the lake steamship lines. If the western shippers are to have the benefit of cheap transportation over these inland seas they must wage a more intelligent and persistent fight than they have yet put up.

Crop Reports Will Be Improved

It is encouraging to note that another attempt will be made to improve the dependability of the government crop reports. In hope of effecting economies and increasing the efficiency of the Bureau of Statistics, it will be changed, and henceforth known as the Bureau of Agricultural Forecasts.

The federal crop reports have long been so greatly at variance with the reports compiled by state crop reporting officials that they have been looked upon as a joke, and any improvement will be most welcome.

Under the new arrangement it is expected to bring about a co-operation of the various branches of the federal government in the hope of eliminating the duplication of work and increasing accuracy in crop forecasts. Through co-operation with the postoffice department it is hoped to take an annual census of acreage and stock through the rural route mail carriers. Then, with this as a working basis, better results will be obtained from the work of the field forecast agents and the field service, all of which will be enlarged and improved. If the money now wasted in the free distribution of useless seeds could be turned over to the Bureau of Agricultural Forecasts it would certainly be spent with greater advantage to the entire people.

Pay for Coopering

Many grain dealers are demanding that the railroads shall compensate them for the time and labor necessary to the careful coopering of cars for bulk grain. Most of the railroads have always recognized their duty to provide a car properly equipped with grain doors, to safely transport shippers' grain to destination. A few have at times permitted shippers to supply their own grain doors, without the privilege of collecting for material or labor.

Evidently with the intent of off-setting the demand for pay for coopering on the part of grain shippers, the traffic officials of C. F. A. territory at a meeting at New York yesterday, considered the adoption of a rule requiring that all grain doors, partitions, and bulk-heads must be furnished by the shipper, at his own expense. The carriers even propose to charge freight for transporting the doors, bulk-heads and partitions. While it is extremely doubtful that any additional attempt will be made to unload the expense of placing cars in proper condition to transport grain upon the shipper, still it is possible the railroads will keep up the agitation in the hope of discouraging shippers who are seeking compensation for coopering cars.

In every case submitted to the higher courts, it has been held that it is the duty of the carrier to present its cars in fit condition for transporting bulk grain to destination. In most of the central markets the railroads are today coopering their cars, in addition to providing grain doors and nails; a discrimination against the grain shippers at country points.

Dockage for Natural Shrinkage Losing Out.

It has been our pleasure to publish in recent numbers of the Journal notices to the effect that the C. M. & St. P. R. R. and the Soo had both discontinued docking shortage claims for so-called natural shrinkage, and now comes the cheerful news that the C. & N. W. Ry. has also abrogated its dockage rules and henceforth will settle shortage claims on their merits and without any reference to shortage, be it natural or artificial.

The railroads have kept up the agitation for the establishment of this unjust deduction for nearly four years, and of course would have finally enforced it everywhere had not grain shippers in all parts of the land made a vigorous stand against the exaction. The decision of the Omaha court, published on page 397 of the Journal for March 10, was to the effect that the deduction was made in violation of the Carmack amendment and that it resulted in the taking of shipper's property without due process of law. If the shippers will hold out against this extortion a short time longer the railroads everywhere will abandon their wild claims of natural shrinkage.

The Grain Grades Act.

The bill introduced by Mr. Lever providing for the establishment of uniform grades and the licensing of grain inspectors by the Secretary of Agriculture, which is published elsewhere in this number, will go far toward giving the trade the uniform grades which it has long hoped for.

The bill as introduced places considerable power in the hands of the Secretary of Agriculture, but this can be changed if the trade will go to Washington in sufficient numbers to convince the committee that something less autocratic is more desirable.

If the bill known as H. R. 14493 becomes a law, then no other grain grades than the official standards established by the Agricultural Department may be used in interstate and foreign commerce; but grain may be sold "without reference to grade, under names, descriptions and designations which are not false or misleading."

Inasmuch as all established grain inspection departments will be required to obtain licenses and commissions for their inspectors engaged in the grading of grain for interstate or foreign commerce, there will be some conflict of authority that may result in long drawn out contests in court. Some of the state no doubt will resent any attempt on the part of the federal government to interfere with their authority in the matter of grading grain into or out of their elevators. Ninety-five per cent of the grain dealers of the country are favorable to the establishment of uniform grades, and if the method of securing uniformity provided for by the Lever Bill is not in harmony with the wishes of the trade, then it behooves the members of the trade to point out how the results desired can be obtained in any other way.

The bill is now before the agricultural committee of the House and no doubt hearings will be granted in due time to those who express a desire to be heard.

PENALTY CLAUSE VOID.

The penalty clause in the by-laws of farmers co-operative elevator companies was again declared void by a supreme court Feb. 19, 1914. The first case was a few years ago at Decorah, Ia., when the clause was attacked by an outsider, a hog buyer named Reeves, who objected to the unfair competition. There the court decided against the clause.

In the second case, at Hospers, Ia., the clause was attacked from within, by a stockholder, against whom the co-operative company sought to enforce the by-law by withholding part of his dividend because he had sold part of his grain crop to an independent competing dealer.

This case came before the Supreme Court of Iowa on appeal from the district court of Sioux County, which had ruled in favor of the co-operative company. This decision was reversed in favor of the farmer, Ludowese, Chief Justice Ladd giving his opinion, which was concurred in by all the other judges. The decision follows, in full:

The Farmers' Mutual Co-Operative Company is a corporation engaged in buying and selling grain, cattle, hogs and other farm produce, with its principal place of business at Hospers. The plaintiff is a farmer living near that town and owner of four shares of the company's capital stock. It declared a dividend June 1, 1912, but refused to pay plaintiff the part to which his shares entitled him, amounting to \$45.25. So alleging, the plaintiff prayed for judgment. The answer admitted all this and alleged that article 14 of its by-laws read:

"While it shall be the imperative duty of the agent of this corporation to pay each and every member of this corporation the highest price that the market will stand upon the day of sale for the grade and quality of grain and hogs offered, should any competitor in the town of Hospers offer more than the said agent can pay, then said corporation member shall be at liberty to sell to said competitor, but shall be obligated to pay to the treasury of the corporation one cent per bushel on all grain and five cents per hundredweight on all hogs and cattle as liquidating damages to the corporation. All grain, cattle and hogs sold to competitors to be weighed on corporation scales. Cattle shall be bought and sold if the board of directors shall find it convenient and advisable at all or certain times of the year."

It further alleged that plaintiff had sold 400 bushels of oats and 13,000 pounds of pork in June, 1912, to competitors of defendant in business at Hospers, and that he, as a member of the defendant corporation, became obligated to it in the sum of \$10.50, wherefore but \$34.75 was owing plaintiff. To the affirmative portion of the answer, the plaintiff demurred on the grounds: (1) That the corporation was without power to adopt the by-laws; (2) that it was illegal; (3) tended to stifle competition; (4) was in restraint of trade; and (5) contrary to public policy. The demurrer was overruled, and, as plaintiff elected to stand on the ruling, judgment was entered accordingly and the cause duly certified to this court.

The by-law was clearly in restraint of competition and therefore illegal. Reeves v. Decorah Farmers' Co-Operative Society, 140 N. W. 844, 44 L. R. A. (N. S.) 1104, decided since the ruling complained of.

Notwithstanding the interesting brief of counsel for appellee, we are inclined to adhere to that decision. The record does not bear counsel out in saying that plaintiff had shared the profits derived from the penalties assessed under by-law 14 or that any of these are included in the dividends in controversy. On the contrary, the answer admitted liability for the dividends declared and affirmatively pleaded the illegal by-laws and prayed to recover damages thereunder. In other words, the only issue was that raised by the answer, and that based on the by-law, and it goes without saying that a litigant may not plead or prove a void by-law, illegal contract, or other instrument as a basis for affirmative relief.

Reversed.—145 N. W. Rep. 475.

Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

Four Months' Limit on Claims.

Grain Dealers Journal: We note an article in the Grain Dealers Journal stating that claims rejected by carriers because not filed within four months may be reinstated if filed before Apr. 1. What is the authority for this?—Smith-Hippen Co., Pekin, Ill.

Ans.: Authority was given railroads to grant this privilege to shippers in a decision of the Interstate Commerce Commission published in full in the Journal Feb. 25, page 328.

No Right to Natural Shrinkage.

Grain Dealers Journal: On a claim we filed the railroad company has asked us to give it authority to amend by allowing the company $\frac{1}{4}$ of one per cent to cover natural wastage and scale variation. The company contends that the grain trade in general now concedes the equity of so doing. Is this correct?—Easton Farmers Grain Co., Easton, Ill.

Ans.: The contention of the railroad company that the trade in general concedes the equity of deducting $\frac{1}{4}$ of one per cent from claims to cover normal wastage and scale variation is without foundation. The opposite is true. Recently at Omaha a grain shipper got judgment for the amount lost out of a car of grain, including the deduction of $\frac{1}{4}$ of one per cent that the carrier attempted to take, but which the shipper successfully resisted in court. Read report of this suit on page 397 of Grain Dealers Journal for Mar. 10.

Railroads Have Statutory Time to Collect Undercharges.

Grain Dealers Journal: Referring to the Journal of Dec. 10, page 845, we note it states the court of last resort has upheld the four months' clause in the B/L, and if claims are not presented to railroad companies within four months claimants will have little prospect of collecting same.

We would like to ask if there has been any decision given as to how long the railroad companies have to collect undercharges if any exist. If the Journal can give us any information along this line it will be appreciated.—American Hay & Grain Co., Marietta, O.

Ans.: The Interstate Commerce Commission in Bulletin No. 1 issued conference ruling No. 3 following: "The Commission adheres to its previous ruling that carriers must exhaust their legal remedies to collect undercharges from consignees."

The time limit in which a carrier must begin suit to collect an undercharge is governed by the laws of the different states, different states having different periods of time, ranging from 2 years to 4 years or more. A recent decision on this point was published in the Grain Dealers Journal as follows:

Carrier May Recover Undercharge Even After 15 Months.—A carrier's action for the difference between the charge it demanded and received and the charge prescribed by the Interstate Commerce Act may be commenced at any time within the time allowed by statute.—Pennsylvania R. Co. v. Titus, Supreme Court of New York, 133 N. Y. Supplement 325.

In Ohio the time limit is governed by the Ohio Statute of Limitations, a suit for an

undercharge being the same in law as any suit between individuals.

Failure of Bank Collecting Draft.

Grain Dealers Journal: A shipper in Ohio made draft on a buyer in Pennsylvania thru a bank which failed after collecting the proceeds but before remitting to its western correspondents.

In such a case is it the duty of the receiver of the failed bank to consider these drafts to have been sent for collection only and therefor to remit to the Ohio shipper the full amount less collection fees? I have been informed that the shipper is placed in the position of an ordinary depositor, and can only share in the distribution with other depositors. Which is correct?—S. W. C.

Carrier's Liability for Flood Delay?

Grain Dealers Journal: During the floods last spring we had a car of corn in transit to Louisville 14 days. Claiming that the delay was due to the tracks being washed out at places the railroad company alleges it is not liable and has refused to allow damages. Can we collect?—Easton Farmers Grain Co., Easton, Ill.

Ans.: Flood being an act of God, the carrier is not liable when the flood is the direct cause of delay; but in case of flood the carrier may have been negligent in handling the shipment, and may have failed to route the car by detour around the washouts, so that when the flood was not the proximate cause the carrier is liable.

Illinois Private and Public Elevators.

Grain Dealers Journal: Is there a law of Illinois prohibiting a country elevator from doing both a public and a private elevator business? At the recent hearing before the Illinois State Public Utilities Commission this was disputed.—I. B. M.

Ans.: No; the law of Illinois does not regulate the private elevator business. A private and a public elevator business can be conducted separately in the same elevator building, the owner or operator designating which bins are "public." One large elevator at Chicago has been so conducted for many years. A public elevator in the country would have the same privilege.

Under the new law the Utilities Commission has power to regulate the country elevators, but has not seen fit to do so, as there seems to be no general demand from the farmers for such control. Such regulations could not exempt the farmers co-operative elevator companies, who would find the regulations much more burdensome than would the individual dealer.

Hitherto it has not been the intent of the legislature or the rulings of the courts that the country elevators should be interfered with in any way. This is shown by the decision of Judge Tuley, Dec. 22, 1896, against the city warehousemen, from which we take the following:

"In 1871 and for some years prior thereto at many railroad stations thruout the state, and more particularly at railroad crossings, which made competing points, there were local warehouses where the owners of the warehouse did store grain for the farmers in the neighborhood and for other customers for the first 30 days free of cost and after that at a certain agreed rate of storage. All grain so received was mixed together and it was expected that when the depositor of the grain desired to sell the warehouse owner would pay him the then going market price for the same. The owners of such warehouses bought grain upon their own account which they mixed with that of their customers."

Judge Tuley held that the city warehousemen did not have the same privilege, because in the constitutional convention of 1870 "several members of the convention successfully urged that certain stringent legislation as to warehousemen now found in section 2 of the long article on warehouses should not be made applicable to warehouses outside of cities containing not less than 100,000 inhabitants."

Can Shippers Obtain Relief?

Grain Dealers Journal: Has any remedy been devised which will protect grain shippers from the swindling tactics of a Freight Traffic solicitor, who induces the grain dealer to ship over his line by quoting a rate lower than the legal rate, knowing full well the shipper must pay the legal rate eventually? It seems to me shipper must have some remedy. Could the shipper sue the quoting agent for damages on the ground of misrepresentation, and further hold the carrier responsible in such a case because the corporation is bound by the acts of its agent?—C. M. Kragas.

Can Farmer Be Sued for Fraud?

Grain Dealers Journal: A farmer in need of money signed the following contract with me last August: "Sold to A. M. Applegate 115 ties at inspection value and 300 bus. or more of good, sound, merchantable corn at St. Louis value less 7c per bu. when delivered, to be delivered at his elevator within six months from date, on which payment of \$170 with 6% interest until maturity is acknowledged." On this contract the farmer delivered ties worth \$40 and no corn. Would a suit for obtaining money under false pretenses stand in law? If not, why not?—A. M. Applegate, Pearl, Ill.

Ans.: A civil suit for damages for breach of contract is a proceeding entirely separate from a criminal prosecution for false pretenses. Under the foregoing written contract the buyer who advanced the money can recover damages and get judgment, which can be collected if the farmer has any property upon which to levy.

A prosecution for obtaining money by false pretenses must originate with the state's attorney of the county. All the facts should be explained to the authorities, who can then decide whether the evidence is strong enough to convict.

Possession of B/L Not Always Legal Transfer to Bank.

Grain Dealers Journal: I am under the impression that in a recent issue of the Journal, under "Supreme Court Decisions," there appeared a ruling by the Supreme Court of some State in reference to a case where a shipment of grain was attached, and it developed that the bank at place of shipment had cashed a draft with B/L attached for the shipper of the grain. The ruling in effect was that so long as it was the intention of the bank, in case the buyer did not accept the draft, to come back on the depositor for the funds, possession of the bill of lading by the bank did not constitute a legal transfer to the bank of the title to the property.

In what court was this decision given and who were the parties.—B. F. M.

Ans.: This decision appeared in the Grain Dealers Journal Dec. 25, as follows:

Levy on Proceeds of Draft as Security for Collection.—Where a draft made upon the purchaser of goods was deposited in a bank by the seller with the B/L attached, and a checking credit was given to the depositor under an agreement to charge back the amount should the draft be returned uncollected, the B/L was merely security for the collection of the draft, whether it were made out to the consignee or to the shipper's order.—W. J. Barton Seed, Feed & Implement Co. v. Mercantile National Bank and Toberman, Mackey & Co. Supreme Court of Tennessee. 160 S. W. Rep. 848.

I HAVE been a reader of the Grain Dealers Journal for ten years and would hardly know how to get along without it now. I would certainly get lonesome. I only wish it came oftener.—S. O. Jackson, agt. Hunting Elvtr. Co.

Origin of "Comin' Through the Rye."

BY FELIX J. KOCH.

No song is dearer to the grain-dealer and grain-raiser than "Comin' Through the Rye"—and scarcely any one but whom the sight of a field of rye sets to singing the tune.

Dr. Wilson, of the Cincinnati branch of the Folklore Society, has recently instituted investigations into the origin of this tune and he tells us that, as matter of fact, the RYE wasn't rye at all.

The "Rye" is a river in Scotland, down in the Burns country, a section where bridges were conspicuous by their scarcity. The valley of the Rye was well-watered and supported good hay-land and so, in the haying-season, farmers were out to cut the hay. Not alone the farmers, but wives and daughters work the fields there and so took a hand in this haying.

"In the haying-time it became necessary, therefore, for the young girls to cross and re-cross the Rye constantly, on their way to and from the hay-fields. In so doing they had to raise their skirts well above the knees and hold them there, or get a fatal drenching. So employed and at same time searching river-bottom for ford, they were unable to resist any attack made upon them,—except at the expense of dropping their skirts and ruining these, as no woman would do!

"Knowing this, village Beau Brummels made a point of *themselves* haying near the river and when they saw some especially attractive lassies crossing, they kicked off their sabots, had trousers up—or gave no thought to these—and were out kissing and hugging the pretty girls until these had perforce come across.

"Out of which, of course, has come the familiar stanzas:

If a laddie meet a lassie,
Comin' through the Rye;
And a laddie kiss a lassie,
Need the lassie cry?"

The world, however, has forgotten the original meaning and the song has stood out pre-eminent—even amid foreign tongues, where its melody has caused its translation,—as the song of the threshing and harvest-time par excellence!

Coming Conventions.

April 9-10—Western Grain Dealers Ass'n at Hotel Montrose, Cedar Rapids, Ia.

May 19-20.—The Oklahoma Grain Dealers Ass'n at Oklahoma City, Okla.

May 22-23.—American Feed Manufacturers Ass'n, at Auditorium Hotel, Chicago, Ill.

May 26-28—Kansas Grain Dealers Ass'n will hold its annual meeting at Kansas City.

June 2-3—Illinois Grain Dealers Ass'n at Cairo, Ill.

June 16-18.—The Ohio Grain Dealers Ass'n at Cedar Point, O., on the dates shown or else on June 23-25.

June 23-25.—American Seed Trade Ass'n at Washington, D. C.

July 14-16. The 21st annual convention of the National Hay Ass'n will be held at Cedar Point, O.

Oct. 12-14—Grain Dealers National Ass'n at Kansas City, Mo.

WE ARE advising early threshing so that the farmers will get more money for their wheat, as the fly does not appear before the last of September or the first of October.—Duyckinck, Sterrett & Co., Rising Sun, Md.

Leaking in Transit

Grain dealers can help brother sufferers in the collection of claims for loss by reporting to Grain Dealers Journal, Chicago, for free publication, the initials, number, place, date and condition of cars seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

Colo. & Sou. 12383 passed thru Mercer, Mo., Mar. 23, via C. R. I. & P. Ry. in Extra 2546, leaking shelled corn badly at rear end of car over drawbar.—A. A. Alley, Alley Grain Co.

I. C. 39642 passed thru Rockwell City, Ia., Mar. 22, leaking mixed corn at side of car opposite trucks, side being sprung out and side sill split. Car was repaired by R. R. men but the loss must be heavy.—C. W. Kellogg, mgr. Rockwell City Elvtr. Co.

C. R. I. & P. 36570 passed thru Okarche, Okla., Mar. 18, leaking wheat badly at side of door.—E. Fischen, agt. El Reno Mill & Elvtr. Co.

K. C. M. & O. 107 passed thru Verdi, Minn., Mar. 12, leaking barley at end and between outside boards and sill.—J. H. Kuntz, agt. Western Elvtr. Co.

C. G. W. 16684 came into Geneseo, Ill., Mar. 10, leaking oats, lost about 20 bus. coming into city. Repaired by C. R. I. & P. R. R. section men.—L. E. Ellsberry, G. D. Sutton Co.

L. S. & M. S. 64794 was leaking yellow corn on siding in Taylorville, Ill., Mar. 9, at end.—A. E. Trainer.

L. E. & W. 10306 passed thru Paxton, Ill., eastbound, Mar. 7, leaking grain at side door. Train did not stop.—B. M. Rollins, Risser & Rollins.

Penn. 24179 on Mar. 7 lost 10 bus. of grain at Remington, Ind. Section shoveled it back into car and repaired.—M. C. Coover, mgr. Farmers Elvtr. Co.

N. Y. C. & St. L. 52807 on the P. & E. division Big Four, 19 miles east of Indianapolis, Ind., half way between Mt. Comfort and Mohawk, Ind., eastbound, was Mar. 4, leaking a stream of corn as it passed.—Elwood Morris, Greenfield, Ind.

Big Four 44888 passed thru Sheldon, Ill., Feb. 28, leaking yellow corn at door on one side and over journal on other side.—Ben B. Bishopp.

C. G. W. 16664 passed thru Byron, Ill., Feb. 27, eastbound, leaking barley in small stream.—L. D. Marshall.

M. L. & T. 32884 passed thru Wortham, Tex., Feb. 19, leaking corn from bottom of car. Did not stop.—J. W. Cooper.

C. M. & St. P. 43478 billed from Colman, S. D., to Omaha, Neb., passed thru Dell Rapids, S. D., Feb. 18, leaking at bottom of side door. Outside car door had been used instead of regular grain doors.—W. H. W., Colton, S. D.

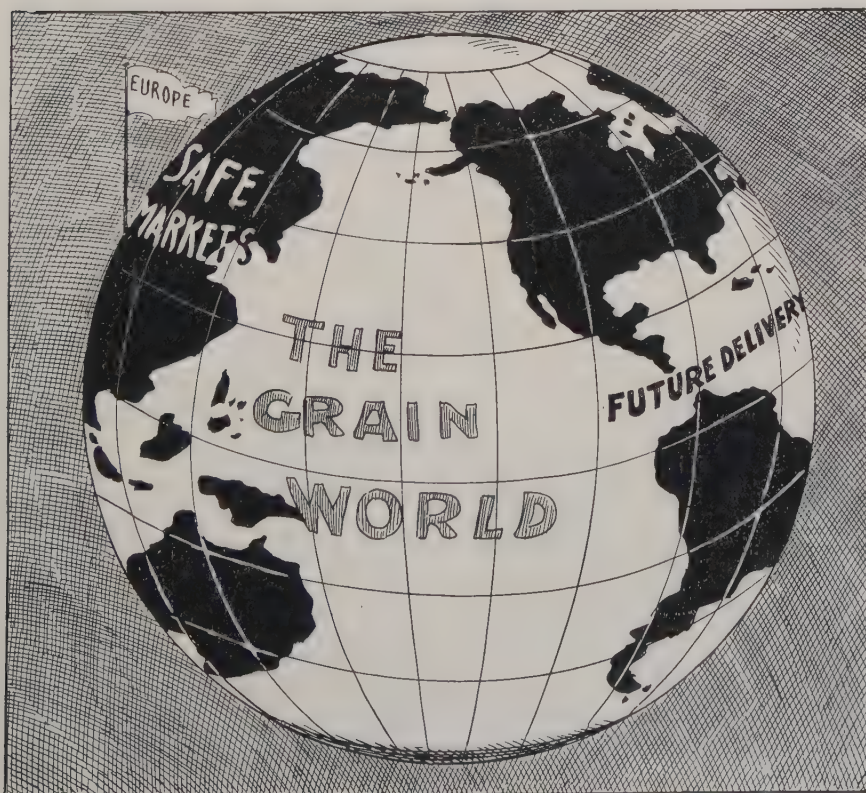
A. T. & S. Fe 43375 passed thru Wortham, Tex., Feb. 18, leaking white corn at both doors. Did not stop.—J. W. Cooper.

Atlantic Coast Line 29406 was derailed at Grundy Center, Ia., Feb. 12. The axle was broken and car tipped over; wrecker spilled most of corn out in picking up car. I loaded this car thru elvtr. into C. R. I. & P. 150790, wagon scale weights 62,470, automatic scale weights, 62,400.—E. E. Billings.

Southern 134980 was set out at Pemberton, O., Feb. 7, on account of hot box. Car was in bad condition, 2 door posts being broken on side, and leaking at end and side. Repaired best I could. Agent advised me it had been shipped from west of Indianapolis.—O. J. Reeder, with L. G. Shanely.

I. C. 25102 passed thru Colfax, Ill., Feb. 6, leaking at side.—John J. Williams, J. R. Williams & Son.

Short Sighted Agitators Would Fill in the Canal.



The Panama Canal of the Grain Trade—Its Short Cut to Safe Markets.

Letters From Dealers

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

Only a Jack Leg.

Grain Dealers Journal: The burglar who broke open the safe of the Amendt Milling Co., Ida, Mich., as reported in the Mar. 10 Journal, and obtained 3 two-cent stamps as a reward for his strenuous labor, must have been a "jack leg." A "profesh" would have known that this year all elevators are as destitute of valuables as the usual print shop. Possibly he was a Joint Rate Inspector looking over the records.—Sandusky Grain Co., Sandusky, Mich.

Trade Conditions on Pacific Coast.

Grain Dealers Journal: The Interstate Commerce Commission's refusal to permit an increase in the flour rates from Kansas and Nebraska to California, will retard the milling industry in California to the advantage of Kansas, Nebraska and the other states, and will affect the prices of wheat in the northwestern states and Idaho and Utah, provided those states do not find an export outlet, which, however, they so far have been able to find.

Conditions are changing rapidly in the United States; and no one knows what one year may bring forth. The Panama Canal may give the mills of California an outlet to the eastern states on flour that they have not today.—H. E. Woolner, vice-pres., Newmark Grain Co., Los Angeles, Cal.

Remedy for Heavy Shortages.

Grain Dealers Journal: Altho the State of Oklahoma has recently enacted a statute defining any misrepresentation of weight or count, etc., and thereby demanding and obtaining payment for more goods, etc., or for goods of a higher price, etc., than those actually delivered as a felony, yet it was again shown in the preliminary hearing of the case of the State of Oklahoma vs. J. D. Parsons recently held in Cotton County, Oklahoma, how futile it is to attempt to obtain sufficiently conclusive evidence in cases of this kind to secure a conviction, the value of investigating the general credit of the people with whom we do business, and the need of some means of securing disinterested weights at point of origin.

In this case the Court stretched legal precedents to the breaking point in admitting testimony which would tend to prove other specific offenses, in an attempt by the prosecuting attorney to prove fraudulent intent. Testimony was introduced showing that one Oklahoma dealer had lost \$400.00 in dealing with this shipper and that a North Texas firm had lost \$500.00 on shipments from the same party, all of which originated at Devol, Okla.

Would it not be well to have the carriers put in more track scales and where their installation is not justifiable have agents measure the contents, making notations of same on the Bill of Lading

over their signature? This would tend to eliminate such gross variations as 10,000 to 17,000 lbs. which developed on shipments from this party. Yours very truly, Seymour Mill, Elevator & Light Co., By D. O. Green, Seymour, Tex.

CONFUSION OF MORTGAGED GRAIN.

The Supreme Court of South Dakota gave a decision Feb. 14, 1914, in a case that had been in the courts for many years, having originated Aug. 15, 1892, in a note given by one Cassidy to Jos. W. Catlett, for \$6,000, secured by chattel mortgage on 200 acres of growing wheat and oats.

Cassidy, without the knowledge of Catlett, delivered 4,000 bus. of wheat to W. H. Stokes at the elevator of the latter at Castlewood, S. D., Jan. 1, 1894. Stokes mixed this wheat with other grain and shipped it out from time to time. Catlett demanded the wheat or its value. When suit was brought defendant Stokes alleged that Cassidy and the plaintiff, Catlett, had agreed to a waiver of the mortgage on the wheat grown on section 11.

The court in substance instructed the jury that when a mortgagor mixes mortgaged grain with his own without the mortgagee's consent and uses out of the bins where the intermingled wheat was stored, or sold out of the same indiscriminately, then the mortgage would attach to the entire lot, unless it is shown by the evidence that at the time of the sale of the wheat to defendant, if you find that any was sold to him, it could be ascertained the exact portions of the wheat raised on section 11, and what was raised elsewhere, then it should be divided up proportionately, and the defendant would then only be liable for such proportion of the wheat he bought as was raised on section 11.

The general rule seems to be that when a mortgagor of goods mixes them purposely or carelessly with his own, and sells the whole, the mortgagee may maintain an action to recover the whole or the value thereof from the purchaser, in the absence of evidence to distinguish the mortgaged goods from those not mortgaged; and when the mortgaged goods is grain or other like property that may be divided into aliquot shares without injury, when there is no evidence upon which to base an aliquot division, the mortgage will attach to and cover the entire lot. *Adams v. Wildes*, 107 Mass. 124; *Willard v. Rice*, 11 Metc. (Mass.) 493, 45 Am. Dec. 226; *Ryder v. Hathaway*, 21 Pick. (Mass.) 298; *Robinson v. Holt*, 39 N. H. 557, 75 Am. Dec. 233; *Hesseltine v. Stockwell*, 30 Me. 237, 50 Am. Dec. 627; *Root v. Bonnema*, 22 Wis. 539; *Kreuzer v. Cooney*, 45 Md. 582; *Cobby on Chat. Mort.* § 992; *Cobby on Replevin*, § 405; *Jones on Chat. Mort.* § 481; 7 Cyc. 35.—145 N. W. Rep. 554.

THE FEDERAL corn grades are as yet not compulsory. This point was brought out in Congress when the agricultural appropriation bill was under consideration. Representative Talbott of Maryland protested against the \$75,000 fund provided for the Office of Grain Standardization, but withdrew his protest when Chairman Lever of the House Com'te on Agriculture explained that the Secretary of Agriculture had no power to enforce the federal grain grades and that the money was merely for the purpose of experiments in fixing the standards.

Commission Merchants Subject to Nebraska Law.

The new law of Nebraska requires commission merchants to pay an annual fee of \$10 for a permit to do business and to give a bond for \$2,000 to indemnify any person who ships them grain or live stock. The law is found on page 723 of the revised statutes of 1913, chapter 24, art. 3, sections 2570 to 2574.

Clarence E. Harmon, deputy food commissioner, Lincoln, Neb., recently requested the attorney-general to construe the law as to "concerns in Omaha, Lincoln and other points engaged in selling grain on commission."

Grant G. Martin, attorney-general, in his opinion, held the law applicable to the grain commission merchants, stating:

Section 2570, revised statutes of 1913, defines "commission merchant" and is as follows:

"Any person, firm, or corporation pursuing or who shall pursue the business of selling farm, dairy, orchard, or garden produce, wares, or merchandise of any kind upon consignment for a commission shall be deemed to be a commission merchant."

The first question to determine is whether or not a commission merchant dealing in live stock on commission is included within the terms of this statute. If so, it comes within the term "farm produce of any kind." The first meaning given the word "produce" in the Standard Dictionary is:

"That which is produced, brought forth or yielded; a product; anything raised, grown, mined, taken or manufactured by human labor and skill."

From this it will be seen that the word "produce" is used interchangeably with "product." The "produce of the state" has been held to include timber, coal and iron, as well as the ordinary crops grown upon land.

"The term 'produce of the state,' as used in Const. art. 2, sec. 30, exempting from taxation all articles manufactured 'of the produce of the state,' embraces whatever is produced or grown in, or is the yield of, the state, including crops, timber, coal and iron, and everything produced from or found in the soil of the state." *Benedict v. Davidson County*, 67 S. W. 806.

It would seem that the legislature intended to make the definition cover commission merchants who deal in all kinds of farm products. If this were not the intention, it would include a small class of such commission merchants.

While there is more or less doubt about this question, I think the law should be so construed as to include the selling of live stock on commission, the selling of grain on commission, and the selling by any person or corporation of products of the farm, dairy, orchard or garden, where the same are placed in the hands of a commission merchant to be sold on commission. Any person, company, or corporation who has a place of business in this state, and undertakes to sell in this state the products designated above, should comply with the law by taking out a license and giving a bond.

It is possible that if the commission merchant only dealt in products shipped from another state, he might escape a compliance with this law on the ground that he was engaged in interstate commerce, but it is improbable that a case of this kind will be found.

CONFERENCE OF WEIGHING Department.

Weighmaster Foss, of the Chicago Board of Trade Weighing Department, keeps all members of the weighing force interested in the real problems of the department by holding quarterly meetings for the discussion of ways and means for improving the service. Naturally many practical suggestions are presented at these meetings that should prove of help to everyone interested in the safe transportation of grain from the producer to the consumer.

At a recent conference of the department Weighmaster Foss pointed out the desirability of greater efficiency in the weighing of grain and called upon Walter Felt of the department, who read an interesting paper on "Cars Unfit for Grain," from which we take the following:

The Inspection of Cars.

The man who is careless in his examination of cars and gives the car simply a perfunctory inspection, does not look at the points where frequent and serious leakage often occurs, notably the bottom of the car. Here we find short floor board leaks at side sills, also cracks through floor over draft timbers, and leaks between deadwood and end sill; leaks at bottom of end posts that extend to the bottom of end sill; leaks at floor at the bottom of door posts over cross ties; through floor over center-plate or king-bolt, caused by the center pin not being covered; leaks between floor and end sill, caused by misfit floor boards at end sill or by the beveled strip being loose or missing from the nailing strip. These defects, in the majority of cases, are not noticeable, when the car is not in motion, unless a careful examination is made, but can and do account for numbers of large shortages.

Defects not causing leaks but damaging grain, such as leaky roofs, end or side facing missing, end window open, or end window missing and boarded on inside only, should be given careful attention, as these defects will allow rain or snow to drift in on the grain.

Cars in the following condition are not fit for grain loading:

A car with a double end door, as in automobile and carriage car.

Car with double side door when center post is missing.

Poor and broken linings, especially when extending to the floor with no outlet at bottom.

When any of the posts are broken out at the sill.

Cars with loose floors, such as floors that are loosened from the sills.

Ventilated cars, when the ventilators are not closed or boarded over.

Cars with sheathing boards loose from belt rail at side or end of car.

Cars with sheathing boards in such condition to make them unsafe for carrying grain.

Cars with side or end sills rotted to such an extent that it is impossible to secure the outside sheathing boards to sills to insure against leakage between the sheathing and rotted sills.

Cars with foreign matter on the floor or back of lining, such as manure, coal, ice, tar, etc., oily, soaped floors, or where the inside of car is saturated with stench, such as fertilizer, hides or any obnoxious smell.

Cars with leaky roofs.

Cars with any defect in the running gear that might cause the car to be transferred, or where any condition exists that precludes the possibility of making the car grain-tight.

W. J. Burns read a paper on "Shortages Explained."

Chas. R. Peterson gave a short talk on the value of comparing records by the deputy on the scale floor with the records of the man at the receiving sink.

Scale Expert J. A. Schmitz gave the deputies a number of suggestions on the facts needed for the preparation of satisfactory shortage letters, which served to show how carefully the interests of the distant shipper or buyer are guarded

by the deputy weighmen. Everything that can be done to safeguard his property or to detect the cause of his loss is done by the department. In the course of his remarks, Mr. Schmitz said:

Shortage Letters.

If your shortage letter does not contain full information, together with such special data as you may have concerning any particular car, it is not complete. Moreover, it will convince no one that you gave the car the careful attention it should have received.

Every deputy upon receipt of a shortage complaint letter should earnestly endeavor to locate anything that might account for the discrepancy complained of. Now, since it is necessary for you to refer back to your records in order intelligently to investigate a reported shortage, and to answer properly any shortage letter, it is apparent that the more complete your records are the more complete will be your answer to the shortage complaint. There can be no doubt that it is not possible to answer such complaint in accordance with the facts if your records are not clear, complete and carefully made. Bear in mind that it is not necessary to write long, drawn-out epistles. Your letter should be reasonably short, snappy and full of facts. It goes without saying that when there are not many facts at hand your letters cannot contain many, and must, of necessity, be more or less stereotyped. However, your letter need not therefore be the less convincing. The shipper, whom you represent, is entitled to all such information as may have a bearing on the reported shortage. He is also entitled to your assurance that his grain was properly weighed and that the car received your careful attention.

When you take into consideration the fact that the average country shipper is in a position to make comparison between the methods he employs to safeguard his weights, and the methods employed at Chicago, you can readily see that he is competent to judge from your letter whether or not his car received the attention our service contemplates.

Asst. Gen. Freight Agent F. C. Meagly, of the Santa Fe, complimented the department on its excellent work and emphasized the necessity of proper co-operation on the part of everyone interested, in order to minimize losses.

Mr. G. B. Quinn, a new member of the Weighing Committee, and Ex-President Hiram N. Sager praised the department for its excellent work.

A number of interesting stereopticon pictures were thrown on the screen for the purpose of pointing out defective and incomplete records and records which were likely to lead to misunderstanding. The conference was adjourned with everyone feeling that the evening had been well spent.

At Minneapolis No. 1 northern wheat is commanding a premium of 2 cents over the May delivery, but durum has lost a little of its strength during the past month, now selling 3 cents under May.



If Prospects Come True the Winter Wheat Dealer will Have to Step Lively the Last Half of 1914.

Grain Dealers Will Meet at Cedar Rapids, Ia.

The program of the fourteenth annual meeting of the Western Grain Dealers Ass'n, which will be held at Cedar Rapids, Iowa, April 9th and 10th, 1914, follows: Headquarters—Montrose Hotel. Meetings will be held in Commercial Club.

THURSDAY, APRIL 9TH, 10:30 A. M.

General Reception at Hotel Montrose.

Exhibits of type samples representing the Government grades of corn. By Dr. J. W. T. Duvel, Washington, D. C.

Exhibits of Grain and manufactured products by the Cedar Rapids Industries.

At the Commercial Club.

Address of Welcome, Hon. Louis Roth, Mayor, Cedar Rapids, Ia.

President's Annual Address, Mr. E. A. Fields, President, Sioux City, Ia.

Secretary-Treasurer's Report, Mr. Geo. A. Wells, Des Moines, Ia.

Workman's Compensation Act, Hon. Warren Gerst, Iowa Industrial Commissioner.

Government Grades of Corn, Dr. J. W. T. Duvel, Washington, D. C.

The Common Law Liability of Carriers, Attorney Clifford V. Cox, Des Moines, Ia.

Compensation for Labor of Coopering Cars, Mr. F. D. Milligan, Jefferson, Ia.

Delayed Re-Inspection at Terminal Markets, Mr. N. S. Beale, Tama, Ia.

Deliveries on Future Contracts, Mr. M. E. DeWolf, Spencer, Ia.

Federal Supervision of Grain Inspection, Mr. Geo. A. Wells, Member Legislative Committee, Grain Dealers National Ass'n.

General Discussion: An Association Attorney, Landlord's Lien Law, Bill-Lading Conditions, Shipping-out Scales, The Moisture Test, Private Car Seals, Scale Inspection, Car Door Lumber, Western Trunk Line Rules, Membership, Shipper's Weight Certificates, Transit Privileges, Switching and Spotting Charges.

BANQUET—6:30 P. M.

Introductory, Mr. E. A. Fields, President, Western Grain Dealers Ass'n.

Music—By the Cedar Rapids Booster Glee Club.

Toastmaster—Mr. W. G. Haskell, President, Cedar Rapids Commercial Club.

Cedar Rapids, the Cereal City, by the Toastmaster.

A Stereopticon Exhibit, Mr. H. A. Foss, Weighmaster, Chicago Board of Trade.

Future Trading an Economic Necessity in the Commercial Distribution of Grain; Board of Trade Rules and Regulations governing Same. Mr. C. H. Canby, President, Chicago Board of Trade.

Grain Trade Conditions, Mr. J. L. Messmore, Ex-President, St. Louis Merchants Exchange.

Grain Products Manufactures, Mr. J. C. Murray, Manager, Grain Department, Quaker Oats Co.

Vaudeville.

FRIDAY, APRIL 10TH, 9:30 A. M.

Automobile trip about the City including a visit to the different Grain Products Manufacturing plants and terminal elevators.

Commercial Club—12:00 Noon.

Luncheon—Guests of the Cedar Rapids Commercial Club.

Report of Auditing Committee.

Report of Resolutions Committee.

Report of Nominating Committee.

Election of Officers.

Adjournment.

THE NORTH DAKOTA Seed Commissioner, Prof. H. L. Bolley, at Fargo, has prepared a list giving the names of those having pedigreed or improved seeds for sale.

THE MINNESOTA SEED LABORATORY has issued a regulation that in labeling alfalfa and clover seed, one-half of the percentage of hard seeds germinated may be added to the percentage of alfalfa or clover seed germinated, in arriving at the germination percentage to be shown on the label.

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

ARIZONA.

Phoenix, Ariz., Mar. 19.—Principal crops barley and wheat; large acreage and excellent crop prospects. Barley harvested June 1; wheat June 15.—Phoenix Flour Mills.

COLORADO.

Costilla sta. (San Luis p. o.), Colo., Mar. 19.—Farmers now seeding spring wheat; no fall wheat grown here.—W. S. Parrish.

ILLINOIS.

Ogle, Ill., Mar. 13.—Corn was excellent quality this year.—R. A. Newell.

Patoka, Ill., Mar. 14.—Wheat acreage above average.—Chas. E. Blankinship.

Gibson City, Ill., Mar. 11.—Crop south of here $\frac{1}{2}$ crop; north of here $\frac{3}{4}$ crop.—J. T. Oxley, prop. Oxley Seed Co.

Urbana, Ill., Mar. 14.—Wheat acreage increased 15%; condition 92.2%.—S. W. Strong, sec'y Illinois Grain Dealers Ass'n.

Roxbury sta. (Paw Paw p. o.), Ill., Mar. 19.—Grain about $\frac{3}{4}$ crop last season; quality good.—A. Theo. Peterson, agt. Neola Elvtr. Co.

Manito, Ill., Mar. 24.—Growing wheat looking fine; really needs good rain now. This section can afford to have a big crop as we have had two bad years here. Oats sowing will begin next week; acreage sown will be larger than last year.—A. R. Harbaugh, mgr. Smith-Hippen Co.

INDIANA.

Boonville, Ind., Mar. 17.—Growing crop looks fine.—Boonville Mlg. Co.

Cammack sta. (Muncie p. o.), Ind., Mar. 10.—Wheat prospect good.—John Howell.

Culver, Ind., Mar. 17.—Prospect for new wheat crop promising.—Culver Feed & Grain Co.

Rushville, Ind., Mar. 23.—Wheat crop in excellent condition; oats will be planted as soon as weather permits.—C. L.

Thorntown, Ind., Mar. 17.—Crop prospect at this time of year never better.—E. B. McCorkle, McCorkle & Riley.

Daleville, Ind., Mar. 17.—Wheat prospect flattering; no damage claims reported by farmers; should have bumper crop next year; acreage larger than usual.—J. P. Shoemaker.

Petersburg, Ind., Mar. 23.—Winter wheat prospect never better; yield promises to exceed that of last season by 25%; hardly a bad field in Pike County. While weather has not permitted plowing for oats, arrangements are being made to put in a large acreage.—C. L.

Crawfordsville, Ind., Mar. 23.—Wheat crop in excellent condition; winter weather has not been harmful; blanket of snow which covered fields continuously has proven beneficial; little danger anticipated now from Hessian fly and other insects; fairly large acreage.—C. L.

Middlebury, Ind., Mar. 18.—Good prospect for large wheat crop; was well covered with snow thru cold weather; few fields with fly last fall; fair acreage rye sown; there will be a medium acreage corn and oats planted this spring; farmers are beginning to sow large amount cow peas with which they have good success.—C. F. Troyer, mgr. Middlebury Grain Co.

IOWA.

Walford, Ia., Mar. 12.—Outlook good; weather great.—Farmers Elvtr. Co.

Hull, Ia., Mar. 19.—Some wheat seeding.—H. J. Huibregtje, mgr. Farmers Co-operative Ass'n.

Bouton, Ia., Mar. 17.—Farmers getting ready to seed.—W. Montgomery, agt. Wright & McWhinney.

KANSAS.

Turon, Kan., Mar. 23.—Crop prospect never better.—Mr. Miller, Turon Mill & Elvtr. Co.

Liberty, Kan., Mar. 19.—Big snow last night; prospect for large wheat crop never better; oats nearly all sown.—Thos. Laughlin.

Girard, Kan., Mar. 17.—Condition of growing wheat best in 25 years; never saw as sound a stand of wheat; went thru winter in fine shape.—W. M. Reckewey.

Fredonia, Kan., Mar. 17.—Winter wheat never looked better at this time of year; spring work well under way; large oats acreage being sown; ideal spring weather prevails.—Hampton Bros. Mlg. Co.

KENTUCKY.

Corydon, Ky., Mar. 19.—Growing wheat in fine condition; looks best I have ever seen at this time of year; acreage double last year; farmers sowing oats.—W. C. Boyle, mgr. A. Waller & Co.

MICHIGAN.

Rose City, Mich., Mar. 14.—New wheat looking good.—Rose City Elvtr. Co.

Sunfield, Mich., Mar. 23.—Wheat looking fair; not hurt by winter.—Geo. H. Triphagen.

Allegan, Mich., Mar. 18.—Good covering snow all winter; farmers pleased with outlook for next year's crop.—Allegan Mlg. Co.

Custer, Mich., Mar. 17.—Wheat failure last year; oats and corn best crop in 20 years; do not ship out any.—Custer Mlg. Co.

MINNESOTA.

Guckeen, Minn., Mar. 11.—Large corn crop.—T. F. Garry, agt. Independent Grain & Lbr. Co.

Adams, Minn., Mar. 17.—Farmers getting ready for seeding.—S. O. Jackson, agt. Hunting Elvtr. Co.

Wheatville, Minn., Mar. 18.—Farmers will soon be in fields; fields are dry here.—A. R. Uecker, agt. National Elvtr. Co.

Wabasso, Minn., Mar. 21.—Little seeding before Apr. 1; had a few inches of snow last night and is still snowing.—Farmers Grain & Fuel Co.

MISSISSIPPI.

Tupelo, Miss., Mar. 16.—Crop outlook for 1914 good; preparations further advanced than for several years.—A. E. Grissom, repr. Loveland Mlg. & Elvtr. Co.

MISSOURI.

Metz, Mo., Mar. 17.—Prospect for good crop wheat; acreage of oats will be unusually large; nearly all sown; in fine condition; crops were short last year.—Elmer Cheney.

Mercer, Mo., Mar. 20.—Wheat acreage 110% of last year; condition about 100%; no winter damage apparent. Soil in good condition; slightly deficient in moisture. Oats seeding will be general next week and all will be in the ground in few days if nice weather continues. Corn acreage will be very large; farmers using extreme care in selecting seed which will tend to insure a much larger yield this year if we have a favorable season. Corn from Mercer County secured 1st premium at Chicago World's Fair and we are "some" corn producers when weather conditions permit.—Alley Grain Co., per A. A. Alley.

MONTANA.

Kalispell, Mont., Mar. 20.—Winter wheat outlook good; lots of oats here; wheat about cleaned up.—Geo. W. Gilpin, mgr. Farmers Pro't Ass'n.

NEBRASKA.

Wilmer, Neb., Mar. 17.—Wheat damaged some; cannot tell extent at present time.—Farmers Elvtr. Co.

Bushnell, Neb., Mar. 11.—Winter wheat in fine condition. This grain has been grown here but a few years and has yielded so well that every year there is a larger acreage put in. This part of the state is noted for its excellent quality of dry land seeds; many fields of oats going as high as 100 bus. to the acre; little corn raised here.—T. H. Adamson, mgr. Bushnell Grain Co.

NORTH DAKOTA.

Hillsboro, N. D., Mar. 19.—Farmers getting ready for spring work; great deal of Marquis wheat will be seeded around Hillsboro this spring.—W. T. Whiteel.

Hannah, N. D., Mar. 19.—Soil in good condition; farmers getting ready to begin seeding; indications are for an early spring.—O. E. Countryman, agt. St. Anthony & Dakota Elvtr. Co.

OHIO.

Delaware, O., Mar. 23.—Wheat hurt a little by last frost, some of it brown.—Alkire & Sands.

Merideth sta. (Radnor p. o.), O., Mar. 23.—Wheat fine; prospects are for a bumper crop.—F. Coonfare, mgr. Radnor Elvtr. Co.

London, O., Mar. 20.—Farmers are buying their seed oats and hauling them home preparatory to seeding at the first opportunity.—S.

Dawson, N. D., Mar. 23.—Farm work will be general between April 1 and April 5; soil in excellent condition, due to freezing up with an abundance of moisture last fall; large acreage will be sown. Considerable interest being manifested toward Marquis wheat and enuf will be sown to demonstrate its fitness for this particular locality.—E. L. Bunker, mgr. Farmers Elvtr. Co.

OKLAHOMA.

Oklahoma City, Okla., Mar. 12.—Condition of growing wheat fine; large acreage oats being sown; ground being prepared for corn.—C. F. Prouty, sec'y Oklahoma Grain Dealers Ass'n.

Tuttle, Okla., Mar. 18.—Raining this evening; all glad to have it; corn acreage will be larger than ever before; prospects for wheat, corn and oats never better; more wheat and oats than usual.—Dexter Kramer.

Nowata, Okla., Mar. 18.—Growing wheat looks fine; larger acreage than last year; oats acreage largest sown in several years; need rain to bring up; as result large oats acreage the corn acreage will be cut down.—F. Spencer, mgr. Rea Patterson Grain Co.

SOUTH DAKOTA.

Victor, S. D., Mar. 16.—Have no winter wheat or rye here; ground in good condition for crop this year.—A. H. Dahl.

Crocker, S. D., Mar. 18.—Farmers getting seed grain cleaned ready for seeding as soon as spring opens up.—O. G. Haugen, mgr. Farmers Elvtr. Co.

Forestville, S. D., Mar. 19.—About 10% wheat sown is marquis wheat; some harrowing started; seeding will follow in few days.—L. A. Hagen, agt. Northwestern Elvtr. Co.

Elk Point, S. D., Mar. 19.—Considerable wheat already sown; earliest seeding for several seasons; need moisture badly to start seed.—L. N. Lewison, mgr. Farmers Union Elvtr. Co.

Morristown, S. D., Mar. 21.—Crop prospects very favorable; plenty of moisture; farmers now preparing seed bed for wheat and expect a bumper crop; corn acreage will be increased.—A. B. Coutts.

Gettysburg, S. D., Mar. 10.—Some demand for marquis wheat; farmers seem to be getting away from blue stem and velvet chaff; big increase in feed grain acreage.—R. A. Needham, agt. Atlas Elvtr. Co.

UTAH.

Layton, Utah, Mar. 18.—Crop prospect good.—M. H. Ellison, sec'y-treas. Layton Mlg. & Elvtr. Co.

VIRGINIA.

Woodstock, Va., Mar. 18.—Prospect of growing wheat crop good.—J. T. Triplett.

WASHINGTON.

Pine City, Wash., Mar. 14.—Prospect for fall wheat never better; weather fine; everybody farming.—D. M. McCancy.

WISCONSIN.

Campbellsport, Wis., Mar. 18.—Little barley raised here; mostly two row; oats main crop.—Curran & Schmidt.

Grain Movement

Reports on the movement of grain from farm to country elevator and shipments from interior points are always welcome.

COLORADO.

Costilla sta. (San Luis p. o.), Colo., Mar. 19.—Wheat nearly all marketed.—W. S. Parrish.

ILLINOIS.

Green Valley, Ill., Mar. 23.—Corn about all gone.—G. G. Waltmire, mgr. Farmers Grain & Coal Co.

Gibson City, Ill., Mar. 11.—Not much corn shelled yet, need cold dry weather.—J. T. Oxley, prop. Oxley Seed Co.

Dorans, Ill., Mar. 10.—No grain moving; about 35% corn left in farmers hands; oats all gone.—Mgr. Seaman & Morris Grain Co.

Roxbury sta. (Paw Paw p. o.), Ill., Mar. 19.—Business quiet now; most corn being held for summer.—A. Theo. Peterson, agt. Neola Elvtr. Co.

Dudley, Ill., Mar. 18.—Grain trade lighter than for some years; corn being taken by farmers who did not raise enuf to feed work stock.—Dexter Baber.

Urbana, Ill., Mar. 14.—Reserves of corn 37.75%, indicating 106,500,000 bus.; reserves of oats 21.7%, indicating 22,500,000 bus.—S. W. Strong, sec'y, Ill. G. D. A.

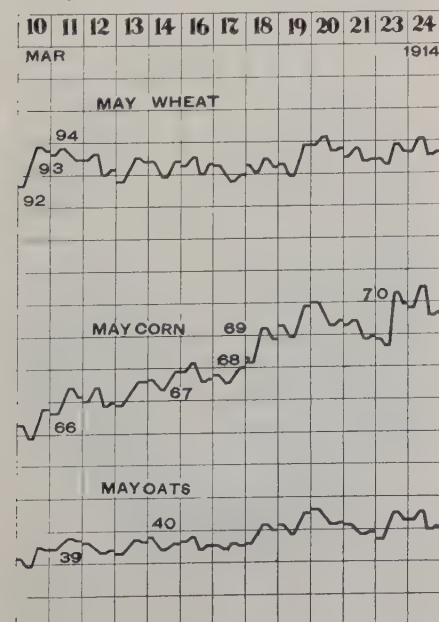
Havana, Ill., Mar. 5.—Have only shipped one-twelfth of corn usually handled by this time of year; wheat movement much larger than last year.—McFadden & Co.

Manito, Ill., Mar. 24.—Most of the corn to be moved now being shelled before the spring work begins; elvtrs. all busy; price 60c.—A. R. Harbaugh, mgr. Smith-Hippen Co.

Ogle, Ill., Mar. 13.—Corn movement about over for present; have shipped all but 3 cars to M. & St. L. points for feeders; had to buy around 60c which is 4c and 5c over Peoria market all the time.—R. A. Newell.

Chicago Futures

Opening, high, low and close on wheat, corn and oats at Chicago for two weeks are given below. For complete collection of similar Charts back ten years see The Journal's Chart Book.



IOWA.

Bouton, Ia., Mar. 17.—Holders of grain show no disposition to sell.—W. Montgomery, agt. Wright & McWhinney.

Cedar Rapids, Ia., Mar. 13.—Grain business quiet in country at this time owing to farmers expecting higher prices later on and not wishing to dispose of grain on present basis of prices.—A. M. K., Jackson Grain Co.

KENTUCKY.

Corydon, Ky., Mar. 19.—Some corn moving; demand for feed good.—W. C. Boyle, mgr. A. Waller & Co.

MICHIGAN.

Rose City, Mich., Mar. 14.—Grain and beans nearly all marketed.—Rose City Elvtr. Co.

Bay City, Mich., Mar. 19.—No grain shipped from here; all consumed locally.—Bromfield & Colvin.

Hartford, Mich., Mar. 17.—With an average crop there will be shipped from here about 75 cars wheat and 15 cars rye.—Edw. Finley.

MINNESOTA.

West Union, Minn., Mar. 24.—Grain about all sold in this locality; roads fine.—E. J. Swezey.

Adams, Minn., Mar. 17.—Grain 75% marketed; not much moving at present.—S. O. Jackson, agt. Hunting Elvtr. Co.

MISSOURI.

Mercer, Mo., Mar. 20.—Some surplus old corn in farmers hands; holding until new crop assured.—A. A. Alley, Alley Grain Co.

NEBRASKA.

Wilber, Neb., Mar. 17.—Corn and oats being shipped in.—Farmers Elvtr. Co.

NORTH DAKOTA.

Hannah, N. D., Mar. 19.—Grain coming in slowly on account of bad roads.—O. E. Countryman, agt. St. Anthony & Dakota Elvtr. Co.

Brocket, N. D., Mar. 17.—Snow all gone; springlike appearance; not much grain coming in.—J. W. Robinson, mgr. Equity Elvtr. & Trading Co.

OHIO.

Delaware, O., Mar. 23.—Probably have enuf corn for home use this year; usually ship in.—Alkire & Sands.

Trenton, O., Mar. 19.—Old wheat and corn about all gone.—A. K. Augsburg, mgr. Trenton Grain & Coal Co.

OKLAHOMA.

Verden, Okla., Mar. 16.—Corn about all out of the farmers hands.—Geo. E. Estes.

SOUTH DAKOTA.

Forestville, S. D., Mar. 19.—About 15% last year's crop in farmers hands.—L. A. Hagen, agt. Northwestern Elvtr. Co.

WASHINGTON.

Pine City, Wash., Mar. 14.—Price of wheat good; barley and oats not worth as much this spring as other years; grain is all out of farmers' hands.—D. M. McCancy.

WISCONSIN.

Campbellsport, Wis., Mar. 18.—Little grain shipped from here so far.—Curran & Schmidt.

Burkhardt, Wis., Mar. 12.—Not much grain coming in at present.—F. P. Burkhardt, vice-pres. Burkhardt Mfg. & Electric Power Co.

ARGENTINE CORN MOVEMENT.

Four cargoes of Argentine corn were shipped to the United States Mar. 17. One cargo, consigned to Galveston, was sold at 70c c. i. f.

New crop Argentine corn was part of the corn cargo of the steamer Thyra, which arrived at Galveston, March 23. Its quality was good.

Argentine corn was offered at the seaboard Mar. 18 at 66½c c. i. f. New York for June-July shipment, or relatively about 1½c under Chicago July.

J. Rosenbaum Grain Co. on Mar. 20 purchased a cargo of Argentine corn for April shipment at 69c c. i. f. Galveston. Another cargo was purchased for shipment to New Orleans. The Bartlett-Frazier Co. states that on Mar. 19 and 20 purchases of Argentine corn for shipment to the United States totaled 750,000 bus.

Argentine to New York freight rates are the same or lower than the Argentine-Liverpool rates, according to the Department of Agriculture; yet the prices asked for Argentine corn at New York have been several cents higher than the prices paid in European markets. This is probably due to the fact that the Argentine export business is controlled by a few large shippers. American buyers have also strenuously objected to that clause in the Argentine corn contracts compelling London arbitration in case of dispute; but so far they have not been able to have this provision changed.

Markets for Grain on Track.

Corn for the May delivery at Chicago sold Mar. 24 at an average price of 70 cents. Discounts were 4 cents on No. 4 mixed and 2½ cents on No. 3 yellow. Two weeks ago, when the market was dragging on the bottom, the discounts were 9 cents and 5 cents, the No. 4 mixed, which sold at 57½ cents on Mar. 9, selling at 65½ on Mar. 24.

This advance of 8 cents per bushel in the price of the cash grain was accompanied by an advance in the price of the May future from 66½ to 70 cents. Thus the cash grain of the lower grades advanced twice as fast as the speculative future, which is a normal condition as suggested in this column two weeks ago, and which should be pleasing to holders of cash grain who had hedges in the future.

The higher grades, which are deliverable on contract, are selling at discounts so small as to be negligible, and for the remainder of the crop year discounts on the lower grades will probably run light. Arrivals of the No. 4 grades are decreasing and those of No. 3 and higher increasing. The visible supply, which has been increasing, showed a significant decrease Mar. 21, standing at 20,081,000 bus.

DAILY CLOSING PRICES.

The closing prices of wheat and corn for May delivery at the following markets for the past two weeks have been as follows:

	MAY WHEAT.											
	Mar. 10.	Mar. 11.	Mar. 12.	Mar. 13.	Mar. 14.	Mar. 15.	Mar. 16.	Mar. 17.	Mar. 18.	Mar. 19.	Mar. 20.	Mar. 21.
Chicago	93½	93½	93½	93½	93½	93½	93½	93½	93½	93½	93½	93½
Minneapolis	91	90½	90½	90½	90½	90½	90½	90½	90½	90½	90½	90½
Duluth	92½	92	91½	91½	91½	91½	91½	91½	91½	91½	91½	91½
St. Louis	92½	92½	92½	92½	92½	92½	92½	92½	92½	92½	92½	92½
Kansas City	87½	87½	86½	86½	86½	86½	86½	86½	86½	86½	86½	86½
Milwaukee	93½	93½	93½	93½	93½	93½	93½	93½	93½	93½	93½	93½
Toledo	101½	100½	100½	100½	100½	100½	100½	100½	100½	100½	100½	100½
Baltimore	100½	100½	100	100	100½	100½	100½	100½	100½	100½	100½	100½
Winnipeg	92½	92½	92½	92½	92½	92½	92½	92½	92½	92½	92½	92½
Liverpool	104½	104½	104½	104½	104½	104½	104½	104½	104½	104½	104½	104½
Budapest	138½	139½	138½	138½	138½	138½	138½	138½	138½	138½	138½	138½
	MAY CORN.											
	Mar. 10.	Mar. 11.	Mar. 12.	Mar. 13.	Mar. 14.	Mar. 15.	Mar. 16.	Mar. 17.	Mar. 18.	Mar. 19.	Mar. 20.	Mar. 21.
Chicago	67½	67½	67½	67½	67½	67½	67½	67½	67½	67½	67½	67½
Kansas City	67½	67½	67½	67½	67½	67½	67½	67½	67½	67½	67½	67½
St. Louis	68½	68½	68½	68½	68½	68½	68½	68½	68½	68½	68½	68½
Liverpool	61½	61½	61½	61½	61½	61½	61½	61½	61½	61½	61½	61½

*April delivery. †July delivery. °March delivery.

PROPOSED CHARGE FOR Spotting Cars.

Secretary J. W. McCord, of the Ohio Grain Dealers Ass'n, recently prepared a brief on the proposed increase in freight rates in Official Classification territory, which has been filed with the Interstate Commerce Commission; a matter in which the grain shippers of the land are deeply interested, because if the eastern roads get the coveted advance other roads will demand a similar one.

In the course of the Ohio Assn's brief the following argument was presented:

"In analyzing the proceedings related to the rate advance case, I. & S. Docket No. 333, we are of the opinion that a new feature has been injected into the proposition, contemplating increased revenue for the carriers by means of assessing charges for so-called special services, among which special services we notice mention of a charge for spotting cars for loading or unloading on private sidings or spur tracks.

"This proposition with respect to a charge for spotting cars, alone, involves a very wide range of diversified conditions and questions affecting cost of transportation to that class of shippers known as country grain dealers, and the matter is of vital importance to owners and operators of country elevators. Should it be determined that the carriers are entitled to impose such charge, it would lay an unjust burden on the grain dealer; as the situation in Ohio, likewise in all of the other surplus grain producing states, is a peculiar one in that the country grain dealer has been for many years furnishing facilities and instrumentalities for the accumulation and shipment of grain such as should have been furnished to a considerable extent, without charge, by the carrier.

"In order that the crops of the country might be moved to market in an economical manner, conserving the proper use of equipment, it is necessary to move the grain in car loads, using cars of large capacity. Therefore, it is necessary to accumulate and assemble the products of numerous producers who deliver the grain in varying quantities and at such times as suit their convenience.

The carriers have no facilities for receiving such freight on platform or through their freight houses, but require that the party offering grain for shipment shall assemble and place such grain in cars of a given capacity and that the grain shall be loaded within forty-eight hours, otherwise, a charge is assessed for the detention of the car. The only facilities that can be offered by the carrier within itself are the empty car and space on a public team track, which facilities more than forty years since were proven to be inadequate. Therefore, in order to meet the requirements of the trade and provide an economical system for the accumulation, handling and shipment of grain, the modern privately owned elevator is now the recognized initial facility and instrumentality in moving the grain crops of our country.

"As nearly as we can estimate, there are about eight hundred railroad stations in Ohio where one or more dealers are permanently engaged in the handling and shipping of grain, and are affording to the producers and carriers alike, warehouse, elevator and storage facilities properly equipped for quick loading of cars of grain. At about one-half of these points the facilities are located on ground owned by the railroads and leased to the elevator owners for a reasonable con-

sideration; the other half being located on ground owned in fee simple by the shipper or owner of the elevator.

"In years gone by the railroads have, in some instances, constructed, free of cost to the owner of the elevator, a siding or a spur track alongside of the elevator or warehouse, in order that the grain might be quickly and economically transferred by gravity from the elevator into the car. In recent years, however, the railroads have required the owners of elevators to construct side tracks or spurs at their own expense; and in either case the shipper certainly contributes to the carrier, without compensation therefor, the use of an instrumentality which should properly be furnished by the carrier to the shipper free of charge.

"The average service performed by a carrier in spotting an empty car alongside an elevator or warehouse for loading or removing same, involves very little time and labor, and with almost insignificant cost, as each car, under such conditions, could be more easily assembled in train than would have been the case had it been loaded from a freight house or on a public team track.

"Certain it is that there are no abnormal or complex conditions to be considered when it comes to a determination as to whether or not a special service charge, even though very small, should be assessed on cars set for loading or unloading at the ordinary country elevator or warehouse.

"Before the enactment of the Act to Regulate Interstate Commerce it was customary in certain localities where grain shipments were large in volume, for the carriers to recognize the advantage of the facilities afforded by grain dealers operating elevators furnishing storage and assembling a great number of shipments, to compensate them to the extent of one or two cents per hundred pounds for such service. And, as a matter of justice, taking into consideration other classes of freight producing like gross revenue, where the assembling and loading for shipment is done at the expense of the carrier, the grain dealer, *even at the present time*, should be compensated in reasonable amount for the service performed through the use of the instrumentality furnished by him, instead of being called upon to pay for the privilege to use such facilities furnished by himself.

"We hardly think it possible that the Commission, or even the carriers, would favor the placing of such unjust burden upon the grain dealers of this country. But should there be any doubt in the mind of the Commission on the subject, it should not be finally and fully determined without giving a special hearing on this particular phase of the question.

"While not similar in every respect to the principle involved in the Elevator Allowance proposition which has been before the Commission for several years, yet the underlying principle as related to the instrumentality is very much the same as is applicable to the proposition under consideration.

"Our conclusion, therefore, is that it would be manifestly unjust to burden the Grain Trade with such charge in order that the revenues of the carriers might be increased. In our opinion, it would be far better, if it becomes necessary for the carriers to increase their revenues, to concede to them the right to make a general horizontal advance in freight rates rather than to impose an unjust burden upon the grain dealers of the country.

McCUMBER BILL DELAYED By Senate.

The McCumber bill on Mar. 21 lost its position on the calendar of the Senate as a piece of unfinished business; and as a result its consideration has been indefinitely delayed.

After a bitter parliamentary fight on the part of Senator McCumber, the Senate confirmed his bill as unfinished business by a vote of 32 to 26. After the vote Senator McCumber, out of courtesy to Senator Myers, asked unanimous consent to have his bill temporarily laid aside to permit debate on a measure introduced by Senator Myers. Later when he tried to have the Senate resume consideration of his bill, he found out that his motion had permanently displaced the bill and forced it to the end of the Senate calendar. *Requiescat in pace.*

I AM well satisfied with the Grain Dealers Journal and believe that it enables me to make more money. I always look to see how much corn other states have in their elevators and watch the Changes in Rates Departments to catch any new rates that affect me.—J. H. Pruitt, Lindsay, Okla.

George D. Montelius Dead.

George D. Montelius, of Piper City, Ill., died Mar. 12 in a sanitarium at Mobile, Ala., at the age of 42. He had been ill with kidney trouble for several years and had gone south in the hope of recovering his health.

Mr. Montelius was the son of J. A. Montelius, who represented his district in the Illinois assembly for three terms. He first formed a partnership with his two brothers and engaged in the farm implement business at Piper City. Later he organized the Montelius Grain Co. with his father and was head of the company at the time of his death.

He was president of the Illinois Grain Dealers Ass'n in 1910-1911, and since then has been one of its directors. He was also a member of the Chicago Board of Trade.

Burial was at Piper City on Mar. 17. The love and esteem in which Mr. Montelius was held by his relatives and many friends was attested by the large number who attended the funeral services and followed his body to the grave.

A portrait of Mr. Montelius is reproduced herewith.



Geo. D. Montelius, Piper City, Ill., Deceased.

THE "GRAIN GRADES ACT."

Federal supervision of grain inspection will be effectively enforced if the following bill, introduced in the House Mar. 11, as H. R. 14493 by Representative Lever of South Carolina is enacted into law. The bill has good prospects for passage, being indorsed by the Department of Agriculture as drawn by its grain standardization experts, and has been referred to the Com'te on Agriculture.

A BILL for securing the uniform grading of grain, preventing deception in transactions in grain, and regulating traffic therein, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That this Act shall be known by the short title of the "Grain Grades Act."

Sec. 2. That, as used in this Act, the term "grain" shall include and shall apply only to corn (maize), wheat, oats, barley, rye, spelt, emmer, rough rice, milled rice, flaxseed, and buckwheat, and kafir, milo, durra and every other sorghum.

Sec. 3. That the Sec'y of Agriculture is authorized to investigate the handling, grading and transportation of, and to fix and establish, from time to time, standards of quality and condition for grain. In promulgating the standards the Sec'y shall specify the date or dates when the same are to become effective, and may give public notice thereof by such means as he deems proper.

Sec. 4. That the standards so fixed and established shall be known as the official grain standards of the United States.

Sec. 5. That whenever standards shall have been fixed and established under this Act for any grain no person thereafter shall ship or deliver for shipment from any State, Territory or District, or through any other State, Territory or District, or to any foreign country, any such grain which is sold or offered for sale by grade, unless the grade by which it is sold or offered for sale be one of the grades fixed therefor in the official grain standards of the United States and the grain conforms to the standard fixed and established for the specified grade: Provided, That variations from the official grain standards may be permitted under such rules and regulations as the Sec'y of Agriculture shall prescribe. No person shall, in any contract or agreement of sale or agreement to sell, either oral or written, or in any invoice or bill of lading or other shipping document, relating to such shipment or delivery for shipment, describe, or in any way refer to any of such grain as being of any grade other than a grade fixed therefor in the official grain standards of the United States.

Sec. 6. That whenever standards shall have been fixed and established under this Act for any grain, no person thereafter shall ship or deliver for shipment from any State, Territory or District, or through any other State, Territory or District, or to any foreign country, any such grain which is sold or offered for sale, whether by grade or not, under any name, description, or designation which is false or misleading in any particular: Provided, That nothing contained herein shall prevent the shipment or delivery for shipment, otherwise lawful, of any grain which is sold or offered for sale, without reference to grade, under names, descriptions, or designations which are not false or misleading.

Sec. 7. That the Sec'y of Agriculture is authorized to cause inspections and examinations to be made of any grain which has been certified or represented to conform to any grade fixed in the official grain standards of the United States, and to ascertain whether the grain is, in fact, of the specified grade, and whenever, after opportunity for hearing is given to the owner or shipper of the grain involved, it is determined by the Sec'y that any lot of grain has been incorrectly certified or represented to conform to a specified grade, he may publish his findings.

Sec. 8. That whenever a dispute arises whether any grain, for which standards have been fixed and established under this Act, is in fact a specified grade of such standards, and such grain has been sold, offered for sale, transported, or delivered for transportation in interstate or foreign commerce, any interested party may refer the question to the Sec'y of Agriculture, and the Sec'y of Agriculture is authorized to cause such investigations to be made and such tests to be applied as he may deem necessary and to determine the grade. In such cases the party or parties referring the question shall pay to the Sec'y of Agriculture, and he shall charge, and cause to be collected, fees, in amounts to

be fixed by him to cover the cost of such investigations, tests, and grading. All such fees shall be deposited and covered into the Treasury as miscellaneous receipts. The findings of the Sec'y of Agriculture as to grade, made after the parties in interest have had opportunity to be heard, shall be accepted in the courts of the United States in all suits between such parties, or their privies, as prima facie evidence of the true grade of the grain in question.

Sec. 9. That no person authorized or employed by any state, county, city, town, board of trade, chamber of commerce, corporation, society or association to inspect or grade grain shall certify, or otherwise state or indicate in writing, that any grain which has been inspected or graded by him, or by any person acting under his authority, is of one of the official grades of the United States, unless he holds an unsuspended and unrevoked license issued by the Sec'y of Agriculture, and a commission issued by the Sec'y of Agriculture, authorizing him to inspect and grade grain for interstate and foreign commerce. The Sec'y may issue a license and commission to any person upon presentation to him of satisfactory evidence that such person is competent to inspect and grade grain. Any such license and commission may be suspended or revoked whenever the Sec'y of Agriculture is satisfied that the holder thereof has failed to grade grain correctly, in accordance with the official grain standards of the United States, or has violated any provision of this Act or of the rules and regulations made thereunder, or that the license and commission have been used for any improper purpose whatsoever: Provided, That nothing in this Act shall authorize the Sec'y of Agriculture to pay more than a nominal salary to any inspector of grain authorized to be appointed under this section.

Sec. 10. That the Sec'y of Agriculture shall, from time to time, make such rules and regulations as he may deem necessary for the efficient execution of the provisions of the Act.

Sec. 11. That every person who shall violate any provision of this Act or of the rules and regulations made hereunder shall be deemed guilty of a misdemeanor, and, upon conviction thereof, shall be fined not exceeding \$200 for the first offense and for each succeeding offense not exceeding \$1,000. After judgment by the court notice thereof shall be given by publication in such manner as the Sec'y of Agriculture may prescribe.

Sec. 12. That every person who forcibly assaults, resists, impedes or interferes with any officer or employee of the United States Department of Agriculture in the execution of any duties authorized to be performed by this Act or the rules and regulations made hereunder shall, upon conviction thereof, be fined not less than \$100 nor more than \$1,000, or be imprisoned not less than one month nor more than one year, or by both such fine and imprisonment.

Sec. 13. That the word "person" where ever used in this Act shall be construed to import the plural or singular, as the case demands, and shall include individuals, corporations, companies, societies and associations. When construing and enforcing the provisions of this Act, the act, omission or failure of any official, agent, or other person acting for or employed by any corporation, company, society, or association within the scope of his employment or office shall, in every case, also be deemed the act, omission, or failure of such corporation, company, society, or association, as well as that of the person.

Sec. 14. That this Act shall be effective on and after July 1, 191—.

Sec. 15. That there is hereby appropriated, out of any money in the Treasury not otherwise appropriated, the sum of \$300,000 for the fiscal year beginning July 1, 191—, and for the expenses of carrying into effect the provisions of this Act, including rent and the employment of such persons as the Sec'y of Agriculture may deem necessary in the city of Washington and elsewhere.

In its effect on the trade the "Grain Grades Act" will be far-reaching. Contracts for future delivery in the pits of the grain exchanges will be affected, shippers will be restricted in the invoicing of sales and no state or exchange inspector will be able to grade grain without permission from the Sec'y of Agri., who is given more power than any tyrant of the middle ages.

Sec. 5 is objectionable because, as worded, an innocent shipper who relies on the certificate of grade given him by an incompetent inspector authorized by the gov-

ernment is liable to \$200 fine. This section should be amended to provide that the holder of a certificate of grade issued by an authorized government inspector shall in no case be held responsible if the grain does not "conform to the standard fixed and established for the specified grade."

Sec. 9 is objectionable because the only penalty on an incompetent inspector is withdrawal of his license to inspect grain. This section should be amended to provide \$200 fine for inspectors who wilfully misgrade grain; and instead of his license being revoked at the pleasure of the Sec'y of the Department of Agriculture, charges should be filed against him and he should have a fair trial with opportunity to answer.

The provision in Sec. 5 that "No person shall sell or invoice grain as being of any grade other than a grade fixed therefor in the official grades is probably unconstitutional as an infringement of the right to contract. The Canadian government has maintained inspectors at Duluth; and Canadian oats and wheat has been handled in the United States on the Canadian government certificate. Under this provision this legitimate trade in Canadian grain would be interfered with. Every dealer has the right to sell under any truthful description and any attempt to interfere with this right is very likely to be thwarted by the courts.

Sec. 5 is objectionable because the country shipper is liable to \$200 fine if the shipment is not up to the grade he specifies in the invoice. The shipper should have the same right he enjoys at present to load a car to apply on a sale of a designated grade, especially as he does not guarantee the grade but accepts destination inspection.

Under Sec. 9 the autocrat of the Agri. Dept. "may issue a license and commission to any person upon presentation to him of satisfactory evidence that such person is competent to inspect and grade grain." Under this clause the terminal elevator warehouseman could be his own inspector and the country shipper could be his own inspector. The shipper loading out grain sold by himself could not be expected to give the buyer better than the lower line of the grade. It is bad enough for the trade to have the public warehousemen dealing in the commodity stored with them, without giving them the additional privilege of grading the grain in and out of their houses. This section should be amended to provide that no public warehouseman or employee of such public warehouseman should be authorized to grade grain.

ANTWERP will soon have four additional floating pneumatic grain elevators for taking grain from the holds of steamers. The elevators will be equipped with bagging apparatus. Each will be able to handle 200 tons an hour and will be provided with a twin-cylinder compound engine rating at least 300 h.p.

OATS primary movement is moderate and the natural tendency is for it to decrease as farm work becomes more general. There should be a continuation of the moderate activity now prevailing in spot oats, as dealers are apparently buying to supply immediate needs, pending the resumption of lake navigation. At present we look for values to fluctuate within a narrow range, though there is some prospect of a gradual enhancement due to consumptive requirements being somewhat in excess of current arrivals.—*L. W. Forbell & Co.*

KANSAS FARMERS G. D. A. Meeting.

The Farmers Grain Dealers Ass'n of Kansas held its second annual convention at Abilene, Kan., Mar. 10 and 11, attended by managers and directors of farmers' elevator companies.

After the routine opening addresses, Pres. J. A. Lyons of Langdon read his annual speech, reviewing the year's developments in the grain trade.

R. A. Lough, Osborne, spoke on "Profitable Lines for Co-operative Companies to Handle"; and C. G. Estes, Stafford, read a paper on "Distribution of Profits." Prof. L. A. Fitz, State Feed Inspector, explained the operations of the state feeding-stuffs act; and Prof. J. H. Miller of the Kansas Agricultural College, gave a crop improvement talk.

WEDNESDAY SESSION.

On the morning of Mar. 11 George B. Ross, state grain inspector, urged the passage of a law providing for the compulsory inspection of grain. A resolution was then proposed in opposition to compulsory inspection; but it failed to pass. Later in the day a similar resolution was offered and adopted. Mr. Ross had left for Topeka before the second resolution was voted upon. His comments upon the convention's action aroused the ire of Pres. Lyons and E. J. Smiley, sec'y of the Kansas Grain Dealers Ass'n. Mr. Ross is reported as saying:

"The resolution was brot up in the regular session in the morning and lost, two to one. A large number of us went home on the noon train. The rump convention that remained, I am convinced, did so largely to bring up the resolution. Even then, I am informed the vote was in doubt, but the chairman ruled it carried and then refused to call for a standing vote.

"The whole scheme is planned by some interested persons who are working the grain interests of the state for their own profit. The fight undoubtedly will be carried up to the next legislature. The grain interests are putting up candidates all over the state for the legislature, Democrats where the Democratic vote is the stronger, and Republicans in Republican counties."

J. W. Shorthill, Hampton, Neb., pres. of the National Council of State Farmers Grain Dealers Ass'ns, told of the work of the Council in connection with future trading, uniform B/L, car cooerage and grain standardization.

The old officers were re-elected, as follows: pres., J. A. Lyons, Langdon; vice-pres., D. Sommer, Abilene; sec'y-treas., C. W. Lawrence, Larned. Directors for the coming year are A. C. Bailey, Kinsley; G. D. Estes, Stafford, and M. H. Rice, Delphos.

The name of the organization was changed to "The Farmers Grain Ass'n of Kansas." Dues was fixed at \$10 per member.

Article No. 7 of the by-laws was changed to read: The Board of Directors shall district the state into not less than four, nor more than eight districts, and appoint a deputy sec'y for each district designated.

Resolutions.

The three most important resolutions passed follow:

LOWER RATES TO GALVESTON.

In view of the great discrimination against Kansas grain producers in the matter of freight rates to Galveston, which are excessive as compared with distance and service rendered by the railroads from points in other states to Galveston,

Resolved: That we request the Kansas Public Utilities Commission at Topeka, Kansas, to take immediate action before the Interstate Commerce Commission to secure for us an equitable and just rate on grain to Galveston.

AGAINST FUTURE TRADING.

Resolved: That we urge Congress to enact a law which will place such restric-

tions and regulations upon the boards of trade, grain and stock exchanges, chambers of commerce and kindred organizations, as will prevent gambling in futures and provide penalties for the violations of the same, and that our secretary be instructed to mail a copy of this resolution to each of our senators and representatives in congress.

FOR FEDERAL INSPECTION.

Resolved: That we endorse the efforts of the National Council to secure a federal inspection law.

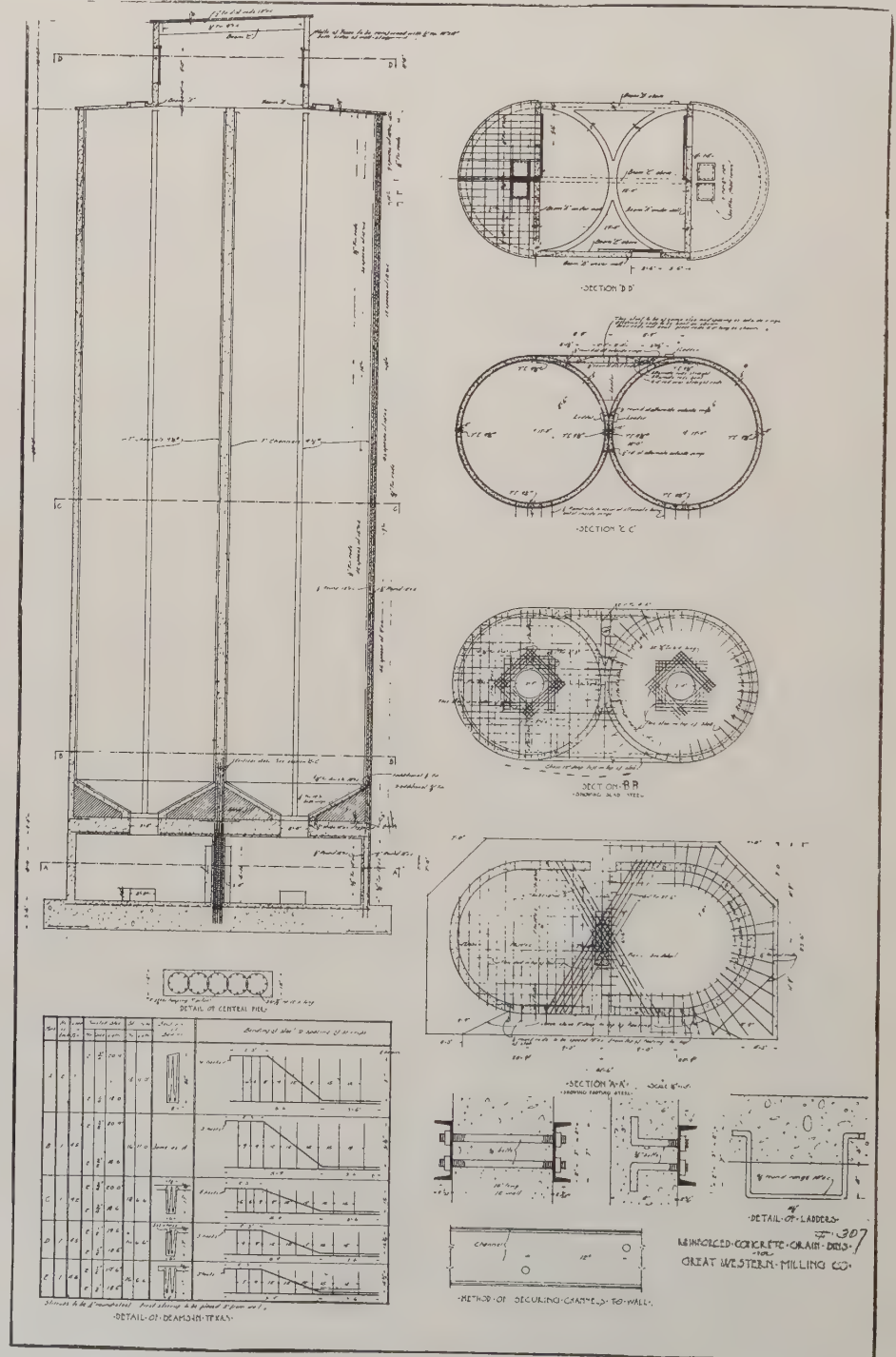
Wichita was chosen as the place for the next annual convention.

THE BIGGEST elevator in the world, it is reported, will soon be erected at Caballito, near Buenos Ayres, Argentina. Unfortunately, the newspaper reports neglect to give the capacity of the proposed plant.

A CALIFORNIA CONCRETE Elevator.

Several unique features in elevator design are embodied in the reinforced concrete bulk grain elevator recently built for the Great Western Milling Co. at Los Angeles, Cal.

As will be seen from the plans reproduced herewith, this house consists of two circular bins, together with one interstice bin formed by a tangent wall on the east side of the elevator. The circular bins are each subdivided into four smaller bins by means of vertical 2 by 6 in. wooden cribbing, thereby providing nine storage bins in all, having a capacity of 35,000 bus. The subdivision of the bins in this manner greatly increases the stress due to one part of the bin being empty when the



Great Western Milling Co.'s Elevator, Los Angeles, Cal. Elevation, Sections and Structural Details.



Great Western Milling Co.'s Elevator, Los Angeles, Cal. Forms for Pouring Concrete.

others are filled, and vice versa. To take care of this added stress the bin walls are reinforced in both directions, $\frac{1}{2}$ in. round bars being used vertically and $\frac{3}{4}$ in. twisted bars circumferentially. These interior crib walls have made necessary the use of 25% more steel reinforcing than otherwise would have been required. The cribbing is held in place by 8 in. channel irons bolted to the concrete walls.

The concrete bins are 17 ft. inside diameter and 85 ft. high from top of hopper bottom to roof of bin. The walls are 8 in. thick. The roof of the bins and the conveyor house overhead, which is 17 ft. square, are made entirely of concrete. The bin bottom consists of a flat slab 2 ft. thick, reinforced both ways with a circular opening 3 ft. 4 in. in diameter to accommodate the iron gates which regulate the discharge of grain from each of the interior bins. The hopper is formed by a sand fill covered with a hard concrete wearing surface.

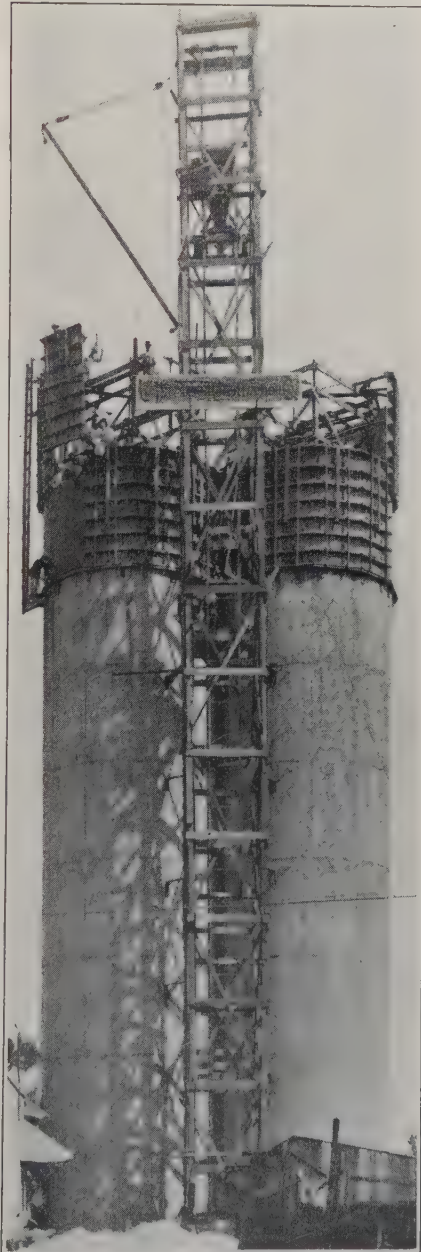
Upon excavating for the plant, the soil was found to be a firm gravel, amply capable of supporting the load imposed. A solid slab foundation was laid 3 ft. 6 in. thick, 23 ft. 6 in. wide and 41 ft. 6 in. long, properly reinforced to obtain uniform ground pressure. The basement walls are 12 in. thick and high enough to give 9 ft. 6 in. clear in the basement. The center wall is supported by five interlaced concrete columns 18 in. thick and 5 ft. wide.

The elevator leg is housed in a circular steel casing located outside against the east wall of the plant. A small corrugated iron shed houses the elevator boot. Grain is received in sacks, emptied into the boot and elevated into a cleaner located in the cupola. All grain is cleaned before being placed in storage. When grain is withdrawn from storage, it is elevated from the boot and dropped into one of two spouts carrying the grain to the mill.

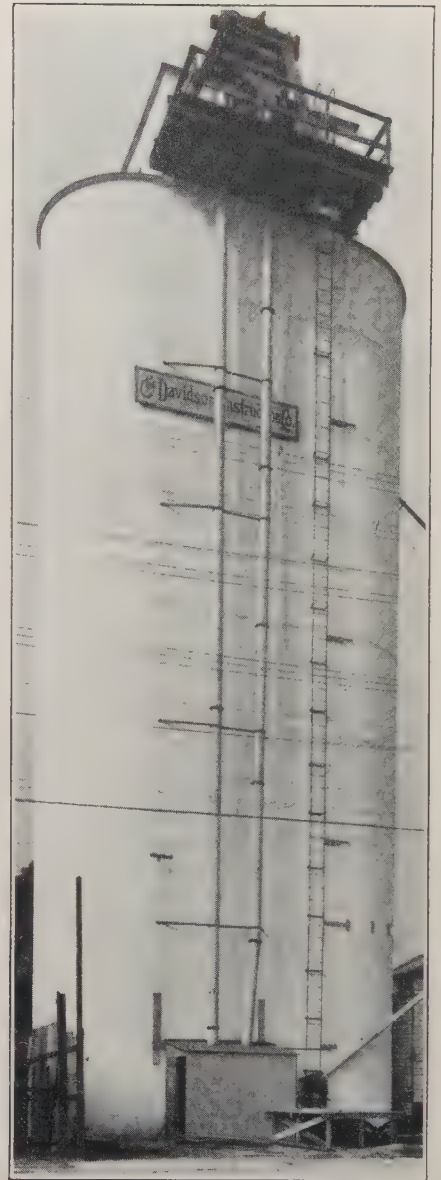
The concrete walls were erected by means of sliding forms, built 8 ft. high in eight panels. The two construction views show these forms clearly. Only one

set of forms was used, the concrete being permitted to set a week before the panels were raised. An iron ladder is fastened to the east wall to give access to the cupola. The exterior walls were left rough and covered with one coat of waterproofing and two coats of white lead and zinc, giving the plant a most attractive appearance. As it is anticipated that additional bins will have to be constructed in the future, the reinforcing bars on the west bin walls at point of contact were permitted to project to form tie-rods for the added bins when constructed. This elevator was built for the Great Western Milling Co. by the Davidson Construction Co.

I COULD not get along to any advantage without the Grain Dealers Journal. The Grain Trade News and Court Decisions are a great help. In my estimation there is no other publication in the United States that helps the grain dealer as much as the Grain Dealers Journal.—T. H. Adamson, manager, Bushnell Grain Co., Bushnell, Neb.



Great Western Milling Co.'s Elevator, Los Angeles, Cal. Construction View of West Walls.



Great Western Milling Co.'s Elevator, Los Angeles, Cal. Showing Unloading Platform and Exterior Elevator Leg

Released Valuation Clause Must Be Signed By Shipper.

The Interstate Commerce Commission in Conference Ruling No. 226 held that a released valuation clause must be signed by shipper, but that it is the railroad company's duty to secure the shipper's signature to this clause when it has reasonable notice of his intention to use the lower rate applying under the released valuation clause. Rule 6 of the Southern Classification provides that, where the tariff offers a reduced rate based on a certain fixed valuation, a release in the form specified must be written and signed by the shipper on the face of the B/L.

The Commission held this rule to be unreasonable and that the carrier cannot collect the higher rate merely because of the shipper's failure to sign this clause separately.

WILD BIRDS were fed 6,500 bus. of grain last January by Frank W. Hennessey, Rhode Island Bird Commissioner. The heavy snow and unusual cold deprived the birds of their natural supply of foods; and many of them would have perished but for the efforts of Mr. Hennessey and others.

NORTH DAKOTA FARMERS Grain Men At Jamestown.

The third annual convention of the Farmers Grain Dealers Ass'n of North Dakota was held Mar. 4 and 5 at Jamestown. Badges of three different colors were given out to those present, red badges being pinned on the nine officers and directors of the Ass'n who attended, white badges on the thirty elevator managers present, and yellow badges on the forty stockholders of co-operative grain companies and other visitors.

W. H. Kerr, Office of Markets of the United States Department of Agriculture, delivered the most important address of the day on grain elevator accounting, from which we take the following:

ACCOUNTING FOR FARMERS ELEVATORS.

Simple, adequate and reliable records are fundamental for the success of any business organization. These records should properly record all business transactions and the results thereof, and whatever system is devised, every precaution should be made to avoid making it cumbersome.

These two facts must be kept in mind in adopting or devising forms for an accounting system: What do we desire to know? How can these facts best be obtained, summarized and arranged so as to get the most out of them with the least trouble and expense?

How are we going to get a system of accounts adapted to all our methods? Frankly, gentlemen, to my knowledge no system exists that can be placed in all the elevators of this state, all conditions considered, as they now exist, that will particularly fit the needs of every elevator. It is not only necessary to have a good system, but it is also necessary that this system be properly kept in order that it be of any value in keeping the records of account.

The system of accounts advised under the supervision of the state railway commission is worthy of praise, and, no doubt, admirably answers the purposes of a complete set of records in some of the larger elevators where it is possible to keep expert bookkeepers or where the manager is an accountant, but it is not being universally used because it will not answer the needs of every farmer's elevator in the state, taking the conditions as they now exist. It would be impossible for some of your managers to properly keep this set of records, and your business is not sufficient to employ a bookkeeper who would spend all his time in keeping the records.

The position of manager, in a farmer's elevator, is one that must be filled by a man who has had considerable experience in buying and selling grain, and it is better to keep a smaller system, which may be more or less loose but can be kept by a manager, who can handle the buying and selling in a businesslike way, than to have an admirable set of records kept by a manager who is an accountant but who knows very little of the grain business from the standpoint of buying and selling.

Your ass'n has adopted a system prepared by a Minneapolis man. Why is it not more generally used? Because each manager, who knows the accounting business has worked out a system of his own and prefers to keep such system. Managers who are not good accountants are using the simplest methods that they can find to answer their purposes as few records as possible, but in most cases keeping those records, which they do keep, in good shape. Some of our elevator companies have secretaries who are keeping the books from daily reports made by the managers. This system is to be commended, as it generally puts the larger problems of accounting and the responsibility of keeping a complete set of records upon a person fully capable of keeping them. In this way the manager merely keeps a record in his office of the purchases and storages and sales, making daily reports to the secretary who properly records them. This method also has an advantage in that it places a check between two persons upon all transactions.

Auditing.—The principal objects of an audit of the books of an organization, are for the detection of fraud, the detection of technical errors and the detection of errors of principle. One of the weakest spots in farmers' elevators is the lack of proper auditing. Most of your organizations have provided for a form of internal auditing, the plan being to have one of two of the directors go over the managers'

accounts from time to time, certifying as to their correctness. This plan is good as far as it goes, but unfortunately it does not go far enough.

How many of the average directors of a farmers' elevator are familiar with the principles of accounting? Very few. It is impossible for a man unfamiliar with the principles of accounting to accurately check a set of accounting records. It is impossible, or at least improbable, that the ordinary com'ite can discover error or fraud which have been cleverly covered up by the manager, or other persons keeping the books.

Every manager should demand that an audit be made at least once a year, of his books, so that in case misunderstanding or ill feeling should develop it is possible for him to show a clean slate and allay any suspicions or charges that might be made against him of dishonesty or discrimination. In all cases where a change of managers is made, the books should be thoroughly audited by a certified public accountant. Both the in-coming and outgoing manager should demand that this be done in justice to themselves. It is an easy matter to falsify back records laying the blame for discrepancies upon the old manager, and if there has been discrepancies in the old record, the new manager should not be held for them, and if such discrepancies exist, the stockholders should be acquainted with the facts.

A statement made at the close of an audit certified public accountant, will show the actual condition of the business, gives stockholders and creditors a thoro statement of the assets and liabilities, and shows that the best precautions known are taken against possible misappropriations of funds and the careless handling of money.

Your ass'n could employ an expert at \$1,800 a year and his expenses, who would spend all his time working for the interests of your elevators. It would be possible for one man to take care of from thirty to forty elevators, after he had placed the system in good shape. The cost of each elevator, compared to the benefit derived, would be especially small, suggestions for and the improvements of accounting methods will often mean more than the entire cost of auditing.

State regulation of elevators, to a certain extent, is being advocated in this state. In this connection a plan should be devised whereby an annual examination or audit by an expert, who is also capable of advising the various elevator companies as to the proper methods and improvements in handling accounts, would be made.

The great benefit of any proper state supervision of the elevator companies would be derived by the elevators themselves. The cost of state examination of elevators would, if properly conducted, be much less than the cost of any individual or set of elevators.

Most of the farmers' elevators are working on a very small amount of capital, it being necessary to borrow money from banks or securing advances from commission houses, to carry on the business during the busy season. Many elevators that are working without sufficient capital are nevertheless paying dividends each year.

Every elevator company should set aside each year at least one-half of its net profits into a surplus fund. Under such a plan, the company will soon have sufficient working capital to be entirely safe and free from any bank or commission house obligations; it will have funds for a rainy day and will be able to make improvements and changes. A surplus fund has saved many an organization from bankruptcy.

Depreciation is another item not taken care of by the average elevator company. I would suggest that 8% of the value of the property be set aside each year for depreciation. For the first year, this makes a comparatively heavy charge, but it grows smaller as the value of the property is reduced.

E. G. Quamme, Finley: I am in favor of the idea advanced by Mr. Kerr of trying to develop the best systems of bookkeeping for the elevators so that the stockholders will know every minute where they stand. Then in after years the names of honest men cannot be blemished.

I propose that the ass'n consider a North Dakota terminal barley elevator at Fargo or some center as a future proposition, just "to set them thinking." However, let us learn how to manage our own business before we plunge into

starting terminal elevators. I want to get away from the commission merchant (not that I have anything against the commission merchant), but I first want to learn how to manage our businesses before tackling the proposition of marketing something we know absolutely nothing about.

Sec'y S. W. Unkenholz, speaking on the subject of scale inspectors said: "We want scale inspectors who know their business; and not men who hold their jobs simply because they are influential in the particular political faction that happens to be in power. In connection with Mr. Kerr's address, I believe the time has come when elevator men need state regulation that will provide for a certified accountant or auditor to inspect their books."

In the evening an informal meeting was held, at which W. F. Cushing, W. H. Kerr, and E. G. Quamme were among the speakers.

THURSDAY, MAR. 5.

W. H. Stutsman, Mandan, pres., State Railroad Commission, addressed the convention on dockage allowances.

R. C. Miller, Office of Grain Standardization of the Department of Agriculture, in a long address, told how the various factors determining the grades of corn were arrived at by the government's experts.

Elections were held in the afternoon, resulting in the continuance of P. A. Lee, Pekin, N. D., in office as pres., and S. W. Unkenholz, Mandan, as sec'y. Directors elected were: J. H. S. Thompson, Valley City; O. A. Sundlie, Forman; H. A. Tewell, Ray; A. Schollander, Jamestown; Fred Nicholls, Ypsilanti; J. M. Johnson, Hatton, and A. Damskey, St. Anthony.

RESOLUTIONS.

Resolutions of thanks to the Jamestown Commercial Club, the officers of the Ass'n, and the press were adopted, as was also a memorial resolution on the death of F. N. Pitkin, former pres. of the Ass'n. The two other resolutions passed follow verbatim:

FAVOR UNBIASED INVESTIGATION OF GRAIN EXCHANGES.

Resolved: Realizing that at this time a spirit of unrest exists among the citizens of this state in regard to the marketing of farm products and recognizing that the sentiment exists among producers that there are injustices and irregularities practiced by the grain exchanges of the country detrimental to the producer, therefore, we respectfully ask the congress of the United States to make a thoro and impartial investigation of the grain exchanges of the country and in particular, the Duluth Board of Trade, the Minneapolis Chamber of Commerce, and the Equity Co-operative Exchange of Minneapolis, Minn., to the end that the truth may be known and remedial legislation be enacted if necessary.

CO-OPERATION WITH RAILROAD COMMISSION.

Believing that the state railroad commission is making an earnest study of the grain raising and grain buying interests of the state and is conscientiously trying to devise means for the better regulation of the grain trade and improve the bookkeeping systems, be it resolved that this association declares its entire sympathy with these efforts of the railroad commission and pledges its co-operation and support in this behalf.

FUTURE TRADING was sustained recently by the United States Court of Appeals at New Orleans in the case of Haven & Clement, New York cotton brokers, against D. W. James, Blakely, Ga. The lower court awarded Haven & Clement \$16,000. Mr. James appealed the case on the argument that the trade was a deal in futures and therefore void. The lawsuit was begun ten years ago at Columbus, Ga.

DEFENDS COMMISSION MAN.

Secretary John G. McHugh of the Minneapolis Chamber of Commerce, in a spirited article explains the services performed by the commission man for the country shipper and the attitude of the Minneapolis Chamber towards farmers co-operative grain companies.

Mr. McHugh points out that a farmers' commission company would find no obstacles placed in its way, if it desired to become a member of the Minneapolis Chamber. He can also see no reason why the farmers should not build and operate terminal elevators, if they believe they can make money doing so; nor why they should not engage in an importing and exporting business, operate flour mills and even run bakeries providing they can make money or increase the value of their crops. He adds significantly that each of these businesses requires expert knowledge and skill to a high degree, as attested by the large percentage of men who fail in them.

In the course of his article he writes:

The very large increase in the number of farmers' elevator companies and independent dealers in the Northwest in the past ten years, has resulted in a corresponding increase in the number of commission merchants, and to-day they represent a very important element in the Chamber of Commerce of Minneapolis.

These individuals are probably among the most skillful salesmen in the world, and possess a thoro knowledge of the various kinds of grain, and in addition are intimately acquainted with market condi-

tions, not only at Minneapolis but elsewhere, with the result that grain consigned to them for sale is handled not only honestly but with the greatest possible efficiency. The keen competition between the commission merchants for the business of the farmers' elevators and the independent dealers results in the greatest possible rivalry between them in the effort to secure the best possible prices for grain.

Very few farmers' elevator companies ship all of their grain to one commission concern, and an increasing number of farmers' elevator companies and independent shippers ship grain to more than one commission concern, in order to enable them to compare the service rendered and the results secured by the various commission merchants. This fact is well known to the commission merchants, and in selling a car of grain they realize that it is entirely possible that their customer has shipped another car of grain at the same time to another commission merchant; and that if they are to hold the business of their customer, they must actually succeed in securing as good results as any of the commission merchants competing with them.

The competition between the various buying interests is so great, and the skill of the commission merchant is of such a high order, as to make it practically certain that the grain will be sold for its full value.

The effort to establish another grain exchange, such as the Chamber of Commerce of Minneapolis, is a piece of absolute foolishness. Grain exchanges do not compete with each other at all. They are not engaged in the grain business at all. The only business which a grain exchange, such as the Chamber of Commerce of Minneapolis or the Duluth Board of Trade engages in is furnishing suitable buildings and trading rooms for its members, securing from other markets complete information regarding grain values, etc., and in providing regulations under which the grain business shall be conducted.

MARQUIS WHEAT.

The enthusiasm with which Northwestern farmers have adopted Marquis wheat has been perhaps the most interesting agricultural development of 1913. The milling interests have been particularly active in introducing this latest variety and have sold large quantities of it to the farmers at cost for seeding purposes.

Marquis wheat is a spring wheat originated and developed at the Canadian Experiment Station, Ottawa, Ont. The straw is stiff and as a rule below medium height. The heads are short, compact, and awnless, with a smooth white chaff, altho the chaff may be yellowish. The kernels are held firmly; and the heads do not shatter readily.

The berries are dark red in color, short and thick in shape. They have a trough-shaped crease characteristic of life wheat. A remarkable feature of this variety is its great weight per measured bushel, ranging from 66 to 74 lbs.

Marquis is an early maturing wheat, thereby escaping attacks of rusts and killing frosts which frequently injure later varieties. It is two or three days earlier than velvet chaff and Minnesota No. 163, and from five to seven days earlier than Minnesota No. 169.

Heavy yielding qualities are claimed for Marquis wheat; but it has not been grown in this country long enough to verify this claim. The Minnesota Experiment Station, as reported in its Bulletin No. 137, has tested it for one year at the University farm and for two years at Crookston Substation. At Crookston in 1912 Marquis wheat gave practically the same yield as velvet chaff and averaged less than Minnesota No. 169; in 1913 it equalled the yield of Minnesota No. 163. At the University farm it excelled Minnesota No. 163 and Minnesota No. 169, but did not quite equal velvet chaff. The South Dakota Experiment Station, to which we are indebted for the engraving herewith, has as yet published no report of tests on Marquis wheat. Farmers who have planted Marquis wheat report that it grows better on the heavier, richer soils. On light soils, where wheat will suffer more heavily from drouth, Marquis wheat does not usually produce as well as blue-stem.

The milling qualities of this new Canadian wheat have won for it the enthusiastic sponsorship of the millers. When tested at the Minnesota Experiment Station, it gave 72% of flour, compared with 71.14% for life and blue stem. The wheat analyzed 13.35% protein, compared with 12.24% for the other two varieties named; and the middlings flour analyzed 12.08%, compared with 11.34% for that of life and blue-stem. The Marquis flour also absorbed more water in making the dough and produced loaves of slightly greater volume.

The chemical and milling qualities of Marquis wheat, vary, of course, depending upon climatic and soil conditions; but tests of Marquis wheat with other varieties in adjoining plats demonstrate the general superiority of the new variety. On the other hand, it has not yet become acclimatized, nor has it been determined under what extremes of humidity and soil conditions the Marquis wheat will prosper. Until such information is available, caution demands that farmers plant the seed only in an experimental way, and that it become acclimatized before it is adopted to the exclusion of the standard varieties.



Crop - Wheat
Variety - Marquis
Str in - S. D. 115

Grain Carriers

BOSTON on Mar. 14 shipped four cargoes of grain, totalling 710,200 bus., for English ports.

COMMISSIONER JAMES S. HARLAN on Mar. 17 was elected chairman of the Interstate Commerce Commission.

THE MILWAUKEE CHAMBER OF COMMERCE has sent a protest to the Interstate Commerce Commission against the proposed spotting charge.

THE MINNEAPOLIS, St. Paul & Sault Ste. Marie Ry. has completed its extension from Ambrose, N. D., to Whitetail, Mont., a distance of 86 miles.

THE PHILADELPHIA & New Orleans Transportation Co. will add several new steamers to its line operating between Philadelphia, Charleston and New Orleans.—C.

THE CHICAGO BOARD OF TRADE's complaint against the Pere Marquette's break-bulk rates on grain across Lake Michigan will be heard by Chief Examiner Berry Mar. 26 at Chicago.

SOMETHING should be done to induce the Great Northern to put its grain cars in better condition.—O. E. Countryman, Hannah, N. D. Do any other G. N. shippers feel like protesting?

A STANDARD FREIGHT bill, prepared at conferences between the National Industrial Traffic League and the Railroad Accountants' Ass'n, has been approved by the Interstate Commerce Commission.

THE KANSAS CITY, Mo., Board of Trade on Mar. 11 filed a complaint with the Interstate Commerce Commission against the C. M. & St. P. Ry. *et al.* demanding lower rates on grain from Iowa stations.

THE KANSAS PUBLIC UTILITIES Commission held a conference of grain dealers and millers Mar. 21 at Hutchinson to consider export rates on grain and grain products from Kansas stations to Gulf Ports.

THE SEASON OF NAVIGATION this year will probably open a week or ten days earlier than last, when the boats began moving on April 25; but it will not open before Apr. 14, when marine insurance becomes effective.

THE CANCELLATION of elevation and transfer allowances at St. Louis and East St. Louis by the Louisville & Nashville and Illinois Central has been resuspended by the Interstate Commerce Commission until Sept. 25.

THE ILLINOIS CENTRAL recently purchased 50 locomotives; the Missouri, Kansas & Texas, 25, and the Chicago & Illinois Midland, two. The Southern Ry. has also purchased 1,700 box cars; and the St. Louis Southwestern, 1,500.

KAUFMAN, TEX., grain men attended the hearing Mar. 11 at Fort Worth before an examiner of the Interstate Commerce Commission in connection with the suit of the Kaufman Commercial Club for lower grain rates into Kaufman.

THE BALTIMORE CHAMBER OF COMMERCE recently asked the Interstate Commerce Commission for permission to intervene in the applications of railroads to retain their steamship lines after July 1 under the Panama Canal act. The Chamber wants to participate in the hearings when the railroads operating steamship lines out of Baltimore present their case.

THE CAR SURPLUS on Mar. 15 was 132,290 cars, on Mar. 1 159,480 cars, and on Mar. 15, 1913, 57,998 cars, according to the American Railway Ass'n. The car shortage on Mar. 15 was 7,145 cars, on Mar. 1 5,573 cars, and on Mar. 15, 1913, 20,223 cars.

TARIFFS increasing the corn and flour rates from middle western points to the Pacific Coast from 65c to 90c per 100 lbs. and reducing the minimum weight from 50,000 lbs. to 30,000 lbs., were suspended Mar. 18 by the Interstate Commerce Commission until July 18.

THE ARMOUR GRAIN CO. on Mar. 11 filed a reparation claim with the Interstate Commerce Commission against the Illinois Central Railroad, demanding refund on grain from Illinois points originally consigned to New York City and reconsigned in transit to Chicago.

THE LAKE-AND-RAIL hearings before the Interstate Commerce Commission at Washington, originally set for Mar. 12, 13 and 14, were postponed by the Commission to Apr. 2, 3 and 4. On Mar. 28 the Commission will investigate the storage of freight at terminals and loading and unloading of carload freight.

THE HEARING ON KANSAS CITY Board of Trade's complaint before the Interstate Commerce Commission, demanding a lower rate to Memphis and the Southwest, was closed Mar. 17 when final depositions were taken. George H. Davis, chairman of the transportation committee, testified before Examiner E. D. Esch.

PERMISSION to make refunds of excess charges to shippers who never filed claims for them was asked by the Southern Pacific in connection with the United States Supreme Court's recent decision sustaining the reduction in the freight rates on lemons ordered by the Interstate Commerce Commission. Someone has erred.

REPARATION for \$825.99, with interest at 6%, was awarded the Sparks Milling Co., Alton, Ill., from the Chicago, Peoria & St. Louis Ry. recently by the Interstate Commerce Commission on account of excess freight charges collected on grain. The Commission also ordered the railway to make payment on or before Apr. 15.

PITTSBURGH GRAIN MEN are confident that the Interstate Commerce Commission will order the railroads to grant them unrestricted transit privileges on grain. Pittsburgh's future growth as a grain market will largely depend upon the outcome of this suit. Examiner Guthrie took testimony in this case at Pittsburgh Feb. 28.

THE POSSIBILITY of a Minnesota canal connecting the Mississippi River with Lake Superior is being investigated by M. G. Barnes, Albany, N. Y., chief engineer of the New York state barge canal and consulting engineer for the United States government on waterways, upon the invitation of Gov. A. O. Eberhart of Minnesota.

A CARLOAD MINIMUM WEIGHT which is reasonably adapted to the needs of the carriers and the great majority of shippers may not be advanced, according to a ruling of the Interstate Commerce Commission published Mar. 23, because one shipper, by the expenditure of exceptional effort and expense, finds himself able to load more heavily than can his competitors; neither will the Commission under such circumstances prescribe a lower rate per 100 lbs. conditional upon the use of a higher minimum weight as the measure of the carload.

TARIFFS putting into effect the Cashman distance rates between Minneapolis and Duluth and Superior, effective Mar. 25, were postponed by the Interstate Commerce Commission Mar. 19 until July 16, pending an investigation. As this traffic passes for a short distance thru Wisconsin, the tariffs in question come under the jurisdiction of the Interstate Commerce Commission.

A COMPLETE revision of grain rates from Iowa points to the various markets is asked in a petition of the Farmers Grain Dealers Ass'n of Iowa, filed Mar. 19 with the Iowa Railroad Commission by W. J. Ray, sec'y. The petition alleges that Iowa shippers are suffering from discrimination in the present interstate rates and asks that rates be established based on distances.

THE MINNEAPOLIS-NEW YORK flour and wheat rates are attacked in a complaint filed with the Interstate Commerce Commission Mar. 11 against the C. M. & St. P. Ry. *et al.* by F. W. Stock & Sons, Hillsdale, Mich. The complainant objects particularly to the proportional rates between Minneapolis and Chicago and alleges that the grain rate is discriminatory in that it exceeds the rate on flour.

THE PHILADELPHIA COMMERCIAL EXCHANGE, represented by its vice-pres., C. Herbert Bell, together with a number of Philadelphia shippers, appeared before the Interstate Commerce Commission at Washington Mar. 12 to protest against the proposed \$2 spotting charge. L. G. Graff, pres. of the Exchange, will appoint a special committee to present to the Commission on Mar. 28 a still stronger protest on behalf of Philadelphia shippers.—C.

THE CAPITALIZATION of the railways of the United States on June 30, 1911, was \$19,209,000,000, compared with \$11,688,000,000 on June 30, 1901, and \$9,291,000,000 on June 30, 1891, according to Julius H. Parmelee, Ph. D., statistician of the Bureau of Railway Economics. This is an increase of 64.3% from 1901 to 1911, and an increase of 25.8% from 1891 to 1901, a total increase in 20 years of 106.7%. The increase in mileage has not kept pace with capitalization.

PORT ARTHUR AND FORT WILLIAM handled 203,000,000 bus. of grain during 1913, compared with 172,000,000 bus. handled by Buffalo, 115,000,000 by Duluth and Superior, 54,300,000 bus. by Montreal, according to Joseph Redden of the Port Arthur Board of Trade. The amount of grain taken out of Port Arthur-Fort William by United States vessels has increased 500% in the last four years, while the amount taken out by Canadian vessels has increased only 90%.

THE MISSOURI, KANSAS & TEXAS RAILROAD has petitioned the Missouri Public Service Commission for a rehearing in connection with its decision declaring traffic moving from Missouri points to Kansas City, Mo., to be intrastate on six railroads and interstate on four roads, one of them the Katy. (See p. 409, Mar. 10 issue.) Inasmuch as the intrastate grain rates are lower than the interstate rates, the Commission ruled that shippers on the M. K. & T. could so route their shipments as to keep them within the state and thus obtain the intrastate rates. As this decision will force the M. K. & T. to deliver all of its Kansas City traffic to some competing line having an intrastate line to Kansas City, it is petitioning the Commission to abrogate that part of its order giving the shipper the right to route his shipments.

THE OFFICIAL CLASSIFICATION Com'te at its meeting Mar. 24 at New York City considered the establishment of a new rule, the second section of which reads as follows: "Unless otherwise provided in the Classification, bulkheads, partitions, temporary doors or door protection when required to protect or make bulk freight secure for shipment must be furnished and installed by the shipper and at his expense. No allowances will be made for the weight of such material."—C. S. Lee.

THE CHICAGO & NORTH WESTERN has eliminated from its tariffs the rule enforcing a deduction for natural shrinkage when settling grain claims. In Supplement No. 22 to tariff 11475-A, effective Apr. 10, and in Supplement No. 13 to 11100-A, effective Apr. 7, the following note is added: "Rule 2810-B of Agent W. H. Hosmer's I. C. C. No. A-396, which authorizes certain allowances for invisible loss on shipments of grain, will not apply in connection with rates named in this tariff."

NEW IMPORT GRAIN rates via Galveston were discussed at an informal conference Mar. 13 between grain shippers and railroad traffic men. The railroads are planning to petition the Texas Railroad Commission for permission to increase the present rates on the plea that they are unremunerative. A number of large grain shippers seemed inclined to acquiesce in the demand. Among the grain men at the meeting were G. C. Mountcastle of the Rosenbaum Grain Co., E. E. Wyatt, traffic manager, Fort Worth Elevators Co., E. P. Byars of the freight traffic buro and R. O. McCormack, sec'y, Fort Worth Chamber of Commerce.

THE BUFFALO GRAIN TRADE is fighting for lower rates on ex-lake grain. As a result of the Congressional investigation and the Interstate Commerce Commission's inquiry into the railroad monopoly of lake traffic, Buffalo elevator men believe that they will eventually succeed in obtaining an equitable schedule of ex-lake rates but realize that this can only be brot about slowly. They are hoping that the carriers will recognize the justice of their position and make voluntary concessions without awaiting a decision of the Commission.

THE ABSOLUTE CONTROL of the Interstate Commerce Commission over the regulation of interstate railroad rates was sustained by United States Circuit Judge Adams of St. Louis, who on Mar. 23 dissolved the temporary injunction obtained by the Illinois Glass Works restraining the Wabash Railroad from filing new rates on shipments from Alton, Ill. Joseph W. Folk, chief counsel for the Commission, said that, in the event the Commission authorizes the 5% increase in freight rates, this decision will prevent shippers from enjoining the enforcement of the advanced rates.

THE SEASON OF NAVIGATION this year will probably open early. Duluth has 5,063,000 bus. of wheat, 2,840,000 bus. of oats, 535,000 bus. of barley and 740,000 bus. of flaxseed to move east via lake. At the Canadian head of the lakes 25,000,000 bus. of grain are in store, compared with 50,000,000 bus. awaiting the opening of navigation last year. Furthermore, there is not the acute demand for money in the Canadian West that produced the heavy movement of last year. Buffalo has 29 vessels loaded with grain, all chartered

to unload before Apr. 1. As the ice in the harbor is not as thick as was expected and the supply of cars is good, little difficulty is likely to be experienced in freeing the boats. A rate of 1¼c was established Mar. 14 on three small steamers to take grain from Duluth and Fort William during the first ten days of navigation for Ohio ports. Two large vessels were chartered early in the winter, making five in all.

A STRIKE CLAUSE has been proposed by the International Shipping Federation for insertion in the ocean B/L to regulate the delivery of cargoes in case of strikes at the port of discharge. This clause gives the shipowner, captain, or agent the right, when the unloading of a ship is hindered or prevented by a strike or other commotion, to adopt whatever measures or means he may deem fit to unload his vessel, to incur any expenses necessary, and to use any route, whether in or out of the ordinary course, and to unload at another port if necessary. In so doing, the shipowner or captain will be regarded as acting as agent for the cargo as well as for the vessel; and is released from all liability for damage or loss to the cargo, even tho such damage or loss may be the result of his negligence or that of his employees. The extra expenses so incurred are to be divided equally between the shipowner and the shipper, the division to be made by a person appointed or selected by the shipowner. The only protection the shipper has is the provision that his share of this expense cannot exceed 20% of the value of his goods. This clause has not yet been adopted by the International Shipping Federation and will only be adopted, if it is, in the face of strenuous objection from shippers. The Millers National Federation has warned its members not to accept an export B/L containing this clause; and a number of grain exporters have notified the steamship companies that they would not be bound by it.

I AM a fond reader of the Grain Dealers Journal and could not progress without it.—E. L. Davis, mgr., Berry & Breck-enridge Farmers Grain Co., Custer, Ill.

NEW CONCRETE ELEVATOR At Cleveland, Ohio.

The concrete elevator and warehouse of the Lake Shore Elevator Co., shown in the accompanying illustration, is the latest addition to Cleveland's grain handling facilities and is located on the L. S. & M. S. R. R. at E. 99th street.

The elevator proper is a concrete building 110 ft. high, of square-bin construction. The warehouse adjoining is two stories high and covers an area 42 by 70 ft. It is built of concrete with brick wall panels.

The plant will be completely equipped with weighing, cleaning and feed grinding machinery. Electric motors will furnish the needed power. The Lake Shore Elevator Co. engages principally in a shipping business and in the manufacture of feedstuffs. Its new plant will enable it to grind daily 100 tons of horse and dairy feeds and 50 tons of poultry feeds. The officers of the company are L. M. Faber, pres.; George P. Hart, treas. and gen. mgr., and Ernest G. Hart, vice-pres. and sec'y.

Work on this plant was started by the Burrell Engineering & Construction Co. on Aug. 4. The severe November storms temporarily stopped construction work. In order to make up for this lost time, the contractors poured concrete day and night; and the 110 ft. walls of the elevator were raised in twenty days.



The Lake Shore Elevator Co.'s New Plant, Cleveland, Ohio.

Seeds

Petersburg, Ind., Mar. 23.—Much clover has been sown.—C. L.

Flax acreage will be greatly reduced.—A. B. Coutts, Morristown, S. D.

Rushville, Ind., Mar. 23.—Many acres of clover seed being sown.—C. L.

BIG CLOVER CROP being sown.—John Howell, Cammack sta. (Muncie p. o.), Ind.

CRENSHAW BROS. Seed Co., Tampa, Fla., has registered the word "Crenshaw" on a palm with a circular border as a trademark for its seeds.

THE VIRGINIA LEGISLATURE adjourned without passing Bill No. 190, regulating the sale of agricultural seeds.—Diggs & Beadles, Richmond, Va.

THE POSTAGE RATES on seeds, cuttings, bulbs, roots, scions and plants have been changed. These articles will hereafter be carried as fourth class matter and take fourth class rates. D. A. Campbell, Postmaster at Chicago, on Mar. 20 sent out the following notice: "The rate of postage on parcels of seeds, cuttings, bulbs, roots, scions and plants, weighing four ounces or less, is one cent for each ounce or fraction thereof, regardless of distance; on parcels weighing more than four ounces the pound rates, as shown in paragraph 1, section 456 (the regular parcel post rates) apply. These rates apply whether the articles are for planting or other purposes."

WILL THE DECREASE in clover seed stocks at Toledo during March equal the average shrinkage? During the past six years the average shrinkage has been 10,400 bags. The decrease during the first three weeks in March has been 6,000 against 13,000 year ago, when total shrinkage was 17,200, the largest in late years. Shipments this month have been nearly as large as year ago, but receipts have been over twice as much as last year. April is very erratic. The decrease averages 3,400 bags, but has ranged from 960 to 11,000 past six years. Four and five years ago the stock increased 650 and 200 bags, respectively. Average shrinkage is only a third as great as March. Decrease this season may be better than usual. Stock here now is about 21,000 against 10,500 year ago, just twice as large.—C. A. King & Co.

A KENTUCKY BILL introduced by Mr. Knight, requiring that seed potatoes and onion sets not grown within the state must be labeled with letters at least 1 in. high "Not grown in Kentucky" when offered for sale in the state or shipped in or thru the state, was recently defeated by the Kentucky legislature. It provided a maximum penalty of \$500 and imprisonment for 50 days. The bill is so absurd that it is difficult to understand how it could receive serious attention from the legislators. It would merely burden seed producers and dealers with an added duty and subject them to an added penalty without producing a single benefit. The buyer of seeds has a right to know what he is purchasing, and a reasonable seed law would be supported by all honest seedsmen and producers; but it is the height of ridiculousness to pass a bill

covering two seeds only and requiring only that these, when not grown in the state, must be so labeled. When our legislatures learn to co-operate with the businessmen they are determined to legislate for, bills such as this will disappear. Wanted a foolkiller who works at night.

THE ST. LOUIS SEED CO., St. Louis, Mo., suffered an \$85,000 fire-and-water loss when the Missouri Athletic Club building adjoining burned recently. On Mar. 17 the west wall of the burnt building crashed on top of the seed company's building, demolishing the upper three floors. Three men were killed, ten were injured, many of them employees, and ten people were missing. The Bentzen Seed Co. also suffered considerable loss from a flooded basement as a result of this fire.

RECEIPTS of clover seed at Toledo continue fairly large but seemingly not sufficient to meet the demand for immediate shipment. Shipments are large enough to cause some decrease in stocks. The stocks are not decreasing fast enough to suit the bulls; but no doubt the decrease would be much larger if deliveries of March had been made liberal. Before the end of March we look for very large shipments and a big decrease in stocks. The bears are figuring that Toledo will be called upon to carry some surplus over to the next crop. They say the surplus is what makes the price at the finish, and look for lower prices in consequence. A year ago October was selling over \$4 below March. Now the October is trailing along at about the April price, while April is ruling 25 to 30 cents under March. This affords the bulls an opportunity to hedge

with sales of October and reduces the risk of getting caught with more or less surplus at the finish of the season.—J. F. Zahm & Co.

From the Seed Trade.

GIBSON CITY, ILL.—Field seeds are moving very slowly. The farmers are short of cash and are buying only at the last moment. Considerable alfalfa seed has been purchased by the farmers.—J. T. Oxley, Oxley Seed Co.

MINNEAPOLIS, MINN., Mar. 18.—This section of the country produced about one-half as much clover seed as a year ago, the quality being thin and inferior. Alsike was practically a failure. Timothy seed gave about normal production, and in our opinion there is sufficient of this seed carried for the fall trade but stocks are not considered large. Spring seeding will absorb most of the clover seed. Owing to the absence of snow, the prospects for the new crop are not very encouraging to seed producers.—Northrup, King & Co.

HAMBURG, GERMANY, Mar. 6.—The European market for red clover seed is firm, especially as to the fine qualities, which are hard to obtain. No seed is available for export at present, as our consumptive trade is paying higher prices. White clover seed is being offered in large quantities, causing the price to drop, altho we think the present prices are very reasonable. The market for alsike also turned easier when the Russian seed arrived. The bulk of this seed was of medium quality; and fancy seed is still very



Fig. 1. Stinking Smut of Wheat, Heads, Kernels and Smut Balls; and a Sound Head and Sound Kernels. After Johnson, Bull. 507, U. S. Dept. of Agriculture.

scarce. Alfalfa is selling so low that further reductions are out of the question. Sweet clover has practically ceased to arrive, only small parcels being occasionally obtainable. Bur clover has been somewhat neglected lately and it can be bot very cheap at present.—R. Liefman Sons Successors.

LONDON, ENG., Mar. 9.—A brisk demand is now on for spring sowing seeds. English red clovers are still offered freely at tempting prices; but extra fine and fine qualities are now getting scarce. English white clovers are more reasonable in price. Alsike is firm. The market for trefoil remains unchanged, with fine samples and tempting prices. Provence lucerne is firm; stocks are light. Timothy is unchanged. French-Italian, Irish-Italian and perennial grass seeds are moving freely. New Danish and New Zealand cocksfoot seed is firm, as stocks are light.—John Picard & Co.

Chicago Seed Movement.

During the week ended Mar. 21 Chicago received and shipped the following quantities of seeds, in pounds; compared with the corresponding week of last year:

	Receipts.		Shipments.	
	1914.	1913.	1914.	1913.
Timothy	970,000	984,000	514,000	1,037,000
Clover	116,000	266,000	286,000	362,000
Other grasses	421,000	229,000	866,000	751,000
*Flaxseed	6,000	12,000	1,000	8,000

*Bushels.

SMUTS OF WHEAT.

The stinking smut of wheat, often called "bunt," is easily distinguished in the field when the grain is almost ripe. The smutter plants are usually slightly stunted and the heads stand more erect than the heavy sound heads. The chaff is spread apart more or less by the dark swollen kernels. When the tough membrane or skin of such a kernel is broken a dark, smeary, dust-like mass is disclosed, which has a peculiar fetid odor, like that of decaying fish. The odor may be noticed several rods to the leeward of a smutted field. The loss due to this smut not only destroys the kernels in the diseased plants but also causes dockage in marketing the smutted crop. Figure 1 herewith shows a smutted head of wheat and smutted kernels and for purposes of comparison a sound head and sound kernels. The dark colored kernels in heads affected with stinking smut of wheat contain innumerable smut spores. In handling, the smutted kernels break and the spores are scattered over the sound seed. When sown, the smut spores germinate with the wheat, forming a second kind of spores from which the smut plants are developed.

The loose smut of wheat is most noticeable at the heading time of the grain. In the smutted heads, the kernels and chaff are replaced by a dark, sooty mass, which is blown away by the wind, leav-

ing bare stems. Figure 2 illustrates the effect of the loose smut of wheat. In this smut, the spores are ripe when the grain is in bloom. The spores are soon blown away and fall on the flowers of other wheat, where they germinate and send a little filament or germination tube into the young kernel. As the kernel enlarges, a tiny smut plant is formed inside of it but remains hidden and allows the kernel to fill like any other seed. When planted next season, the smut plant grows with the wheat plant and develops much as does the stinking smut of wheat. When the heading time is at hand, the smut plant prevents the formation of a sound head, matures and forms the smutted head.

The Canadian Seed Act.

The Canadian Seed Control Act requires seedsmen selling timothy, red clover, alsike or alfalfa seed to have each bag marked to show the grade. Farmers may sell seed which is grown and delivered on their own premises without the grade being marked, provided the seed is not below the standard for grade No. 3. No seed is permitted to be sold below this standard either by farmers or by seed merchants, except for recleaning or for export. All seed grain sold must be free from noxious weed seeds, or be labeled to show their presence.

Seed of pasture and fodder crops, other than timothy, red clover, alsike and alfalfa, also must be labeled with the names of the noxious weed seeds contained. All seed must be capable of germinating in the proportion of at least two-thirds of the percentage germination standard for good seed of the kind. To secure the observance of these regulations for the protection of farmers and dealers, an inspection staff of about thirty will be employed, including twenty-three temporary seed inspectors who will work under the direction of the permanent officers of the Seed Branch.

A new feature of the inspection work this season will be an investigation into the sources of supply for Canadian grown seed corn. The farmers in southwestern Ontario who have seed corn for sale will be visited by the inspectors to secure information regarding methods adopted for drying and storing seed corn, the varieties and strains grown and the general quality so far as can be ascertained by examination of the ears, and to take samples for germination test.

During January the Ottawa Seed Laboratory tested 1,029 samples of clover, alfalfa and timothy seed, of which 3 graded Extra No. 1, 153 No. 1, 425 No. 2, 294 No. 3 and 154 were rejected.—Geo. H. Clark, Canadian Seed Commissioner.

THE WHITNEY-ECKSTEIN SEED CO., Buffalo, N. Y., has registered the word "Imperator" as a trademark for its clover, alsike, alfalfa, timothy, and lawn seeds, and its seed grain.

Toledo's Weekly Seed Movement.

During the week ended Mar. 21 Toledo received and shipped the following quantities of seeds, stated in bags:

	RECEIPTS.		
	Clover.	Alsike.	Timothy.
Week ended Mar. 21	3,240	33	1,136
Week Mar. 22, 1913..	1,460	130	537
This season to date..	64,716	7,853	32,066
Last season to date..	46,933	4,156	48,145
	SHIPMENTS.		
	Clover.	Alsike.	Timothy.
Week ended Mar. 21.	6,053	338	1,243
Week Mar. 22, 1913..	6,676	517	1,044
This season to date..	47,830	22,972
Last season to date..	43,499	35,380



Fig. 2. Loose Smut of Wheat. Four Smutted Heads, and a Sound Wheat Head. After Johnson, Bull. 507, U. S. Dept. of Agriculture.

Grain Trade News

ARKANSAS.

Stuttgart, Ark.—A site has been selected on the Cotton Belt and C. R. I. & P. lines, for a rice elvtr. and a company is being formed by the business men of the town to operate it.

CALIFORNIA.

San Jacinto, Cal.—W. H. Sanders has bot the interest of F. H. Fowler in the firm of Sanders, Meiers & Fowler and the new company will operate as Sanders & Meier. It will handle grain in car lots.

Bernice, Cal.—The Globe Grain & Mfg. Co. will build elvtrs. at this station, Date City, (no p. o.), and Rockwood and Imperial Junct., both mail to Brawley. The houses will be up-to-date and will be ready for the next barley crop.

CANADA.

Kerrobert, Sask.—The H. T. Grain Co., Ltd., has succeeded McIntosh & Ranton.

Magrath, Alta.—The elvtr. of the Pioneer Grain Co. burned to the ground Mar. 17.

Calgary, Alta.—The government will ask bids for the erection of its terminal elvtr. at this point in May.

Balcarres, Sask.—Wilbert Dawson, mgr. of the Atlas Elvtr. Co., Ltd., was instantly killed at the elvtr. recently when a large block of ice fell from a car and crushed him.

Vancouver, B. C.—Members of the Board of Trade and a com'te of citizens headed by Mayor Baxter are endeavoring to secure the establishment of an elvtr. within the city limits.

Gravelbourg, Sask.—The Farmers Cause Co-operative Co., Ltd., incorporated to deal in grain, seeds, etc., and to build elvtrs., mills, etc.; capital stock, \$60,000; directors, R. Dautre, A. Tess, J. Beausier.

Moose Jaw, Sask.—The cold weather has materially retarded the construction of the government elvtr. at this point, but as soon as weather conditions permit, the work will be resumed and rushed to a finish.

Port Arthur, Ont.—Contract has been let by the dept. of public works for an extension of the breakwater opposite the government elvtr. in this city. The extension will be 2,500 ft. long and will cost \$250,000.

Port Arthur, Ont.—While sweeping an upper floor in the elvtr. of David Horn & Co., Wm. Clark fell thru an opening in the floor and dropped a distance of 24 ft., dying from his injuries. He was 28 years old and married.

Calgary, Alta.—The Alberta Co-operative Elvtr. Co. has decided to build a 30,000-bu. elvtr. at East Calgary not far from the new government elvtr. A 40x60 ft. warehouse will also be built by the company. The elvtr. will be ironclad, have metal roof and fireproof doors and windows.

Melfort, Sask.—The recently organized Canada West Grain Co., Ltd., has taken over the elvtr. of H. G. Dawson at Melfort, the elvtr. of Dawson & Rogers at Pathlow and the one operated by Dawson & Armstrong at Wapella. During the summer elvtrs. will be built at St. Brieux, Beatty and Naisberry. H. G. Dawson will be gen. mgr.

Port Colborne, Ont.—The Niagara Grain & Feeds Co., Ltd., engaged the Burrill Engineering & Constr. Co. to prepare plans and specifications for a 40,000-bu. concrete elvtr. and feed plant to be located 500 ft. north of the government elvtr. Contract for building was let to the Stephens Engineering Co. The company has headquarters in Toronto.

Vanguard, Sask.—The elvtr. recently burned at this station was owned by Lytle & Co. It will probably be rebuilt.

Toronto, Ont.—The offices in the Board of Trade Bldg. are proving too small for the members of the board, as they are old fashioned and inconvenient and there is strong talk of new quarters for the exchange.

Ottawa, Ont.—The government is now considering a proposal to extend the jurisdiction of the Grain Com'n over eastern as well as western Canada and to place under its control the elvtrs. at Georgian Bay, Port Colborne, Quebec, Montreal and St. John. It is held that the main difficulties encountered by the com'n are now in the east. Over half of the western grain has been exported thru American channels because of the difficulty of sending it from Montreal and other eastern Canadian ports. It is held that inspection at Winnipeg and other western points at the head of the lakes is valueless if the same inspection is not required and continued at the shipping ports. It is also alleged that under the present system it is possible to mix grain after it has been thoroughly inspected at the ports so that it does not reach the British markets at the same high standard as classified by the grain com'n in the west. Com'sners W. D. Staples and J. P. Jones, together with Sec'y C. Birkett of the grain com'n have been called to this city by Chairman Magill.

WINNIPEG LETTER.

The Home Grain Co., Ltd., has been incorporated.

Examinations for grain inspectors and deputy inspectors were held in this city during the week of Mar. 16.

Max Pescowitch was severely injured recently when he was crushed in the elvtr. shaft at the plant of the Western Canada Flour Mills Co.

The Winnipeg Industrial Buro held its 7th annual banquet recently. The buro is composed of 28 important business affiliations, including the Board of Trade and has done much to build up the city.

The Grain Growers Grain Co. will for the next 5 years act as exclusive sales agt. for the Sarnia Fence Co. of Sarnia, Ont. The fence company will build a large factory in Fort William at once so as to take care of the increased western trade.

Alexander McMichael, the venerable grain man of Canada, died Mar. 7 at the hospital at Rochester, Minn. Mr. McMichael has been called the father of the grain trade in the provinces and in the States, and is said to have been connected with it longer than any other man in America. His first ventures were in Ontario in 1834, and he later extended his line of elvtrs. down the Mississippi valley and into Iowa. In 1850 he was handling grain on the river and was the owner and operator of the elvtr. of Minert & Nagel at Waukon, Ia., which burned Feb. 22 of this year. He lived for a number of years in Minneapolis, but in 1903 came back to Winnipeg. He was connected with the Turner Elvtr. Co. at the time of his death, having been with the company over 20 years. On the occasion of his golden wedding anniversary in January, 1913, members of the Grain Exchange, many of them his life long friends, presented him with a gold headed cane. His son, A. McMichael, is now in the grain business at Melfort, Sask. Burial was at Lansing, Ia., his old home.

COLORADO.

Bennett, Colo.—There is a strong probability that an elvtr. will be built here this spring.

Loveland, Colo.—The Loveland Mfg. & Elvtr. Co. has succeeded the Big Thompson Mfg. & Elvtr. Co.—A. E. G.

IDAHO.

Summit, Ida.—We may change our flat warehouse to an elvtr. so that we can handle grain in bulk.—L. Y. Ehlich, mgr., Gifford-Summit Warehouse & Commercial Co.

Cambridge, Ida.—The mill of the Salubria Mfg. Co. has been moved across the river and a new mill with a 10,000-bu. elvtr. in connection is being built on the site. The entire plant will be operated by electricity and will be ready Apr. 1.

ILLINOIS.

Randolph, Ill.—I have succeeded Martens Bros.—F. C. Martens.

Dewey, Ill.—A farmers elvtr. company is being organized at this station.

Secor, Ill.—I have traded my elvtr. for a home in Decatur.—N. N. Hettinger.

Troy Grove, Ill.—Walter F. McConnell is now agt. for Isaac Marks.—R. M. Roberts.

Lakewood, Ill.—J. F. McKittrick is now in the grain and implement business at this station.

Fairfield, Ill.—L. J. Keith & Son will install two elvtr. legs with steel casings and a dump.

Kilbourne, Ill.—The E. B. Conover Grain Co. has installed a 16-h.p. gasoline engine in its elvtr.

Alton, Ill.—Mrs. Chas. F. Sparks, wife of the treas. of the Sparks Mfg. Co., died Mar. 20 at the age of 54.

Herbert, Ill.—Alfred Fowler of Belvidere has let contract for the elvtr. at this station, work to start at once.

Clifton, Ill.—The Neola Elvtr. Co. entertained a number of its mgrs. at a banquet at the Clifton House, Mar. 11.

Pekin, Ill.—Work will be started Apr. 1, if the weather permits, on the 30,000-bu. elvtr. of the new Farmers Elvtr. Co.

Metamora, Ill.—We have bot the elvtr. of H. J. Wykle and will operate under our own name.—Waldschmidt & Schneider.

Sand Prairie sta (Pekin p. o.), Ill.—The Farmers Grain Co. will build an elvtr.—H. J. Keefer, mgr. Easton Farmers Grain Co., Easton.

McCall, Ill.—F. E. Sharp & Son have leased the elvtr. at this point. Shirley Sharp of Warsaw, will be mgr. and Geo. Schlenk will be ass't mgr.

East St. Louis, Ill.—The appointment of John F. Sullivan as chief grain inspector of this district is said to have been ratified by Governor Dunne.

Warsaw, Ill.—F. E. Sharp & Son have sold their elvtr. at this station and are out of the grain business here. They have leased the elvtr. at McCall.

Clinton, Ill.—A. McCarty is now mgr. of the local office of Conley, Quigley & Co. He is experienced in the grain business and everybody wishes Mac well.

Alton, Ill.—The Stanard-Tilton Mfg. Co. has let contract to the Finton Constr. Co. for a number of fireproof tanks to replace the elvtr. burned Sept. 12, 1913.

Victoria, Ill.—The report that I have leased a site and will build an elvtr. here is a mistake. They have a Farmers Elvtr. Co. already.—R. Cox, Princeville.

Shabbona, Ill.—C. S. Beel has succeeded me as mgr. for the Neola Elvtr. Co., and I have been transferred to Roxbury sta. (Paw Paw p. o.)—A. T. Peterson.

Saybrook, Ill.—T. A. Jordan, mgr. of the Farmers Grain & Coal Co., died recently. A. L. Bierbower and F. M. Meakman are temporarily in charge of the affairs at the elvtr.

Frankfort, Ill.—The promoters of the Frankfort-Spencer Grain Co. have taken an option on the elvtrs of Henry Stellwagen at this station and at Spencer, and if the organization is completed will buy them.

Roxbury sta. (Paw Paw p. o.), Ill.—I was formerly mgr. of the Neola Elvtr. Co. at Shabbona, and have succeeded J. L. George as mgr. of the company here.—A. T. Peterson.

Secor, Ill.—We have bot the elvtr. formerly operated by N. N. Hettinger and will operate it in connection with our other house.—Wm. Greiner, mgr. Secor Elvtr. Co.

Jenkins sta. (Clinton p. o.), Ill.—The Jenkins Grain Co. will be reorganized and we will build a 12,000-bu. elvtr. We have not determined on the name of the new firm.—Robt. Jenkins.

Glenavon, Ill.—The home of J. J. Stack, owner of the Stack Elvtr., burned at 11 a. m., Mar. 6. The fire started from a defective flue. The loss is practically covered by insurance.

La Rose, Ill.—The Davis Grain Co. of Laura has bot the elvtrs. and lbr. yards of the La Rose Grain Co. from Harry M. Taggart, receiver for that company. G. T. Stevenson will be local mgr.

Mattoon, Ill.—We have installed additional meal machinery and have put in entirely new and complete machinery for making molasses feed.—E. Orndorff, mgr. Big Four Elvtr. & Milling Co.

Kings, Ill.—The elvtr. of the Brocton Elvtr. Co. of Brocton, now under construction at this station, will be completed in time to receive new oats. The foundations of the new house are of concrete.

Bloomington, Ill.—The mill and elvtr. of the Hungarian Roller Mills will probably be sold at public auction at an early date, suit for the foreclosure of a mortgage on the property having been brot in the local courts.

Fletcher sta. (R. D. Cooksville), Ill.—The west elvtr. of Hawthorne Grain Co., containing 5,500 bus. of oats and 3,800 bus. of corn, burned at 8:30 a. m., Mar. 13, the fire starting in the cupola. The loss is covered by insurance.

Peoria, Ill.—J. L. Collyer has been engaged as traffic mgr. of the Board of Trade, the efforts of the directors to secure funds for the establishment of a traffic dept. and the maintenance of a traffic mgr., having been crowned with success.

Byron, Ill.—The elvtr. of L. D. Marshall containing 2,000 bus. of grain, most of it barley, burned at 11 p. m., Mar. 14; loss on building \$5,000 partially covered by insurance; on grain \$1,000, fully covered by insurance. The elvtr. will be rebuilt at once.

Ogle, Ill.—I have bot and operate the elvtrs. of the S. C. Barlett Co. of Peoria at this station and at Keithsburg. Both elvtrs. formerly belonged to the Northwestern Elvtr. & Grain Co. which was consolidated with the Bartlett company.—R. A. Newell.

Charleston, Ill.—The Charleston Elvtr. & Grain Co. has discontinued business on account of financial reverses. A. Richter was prop., but the plant is now closed. It consisted of only an elvtr. and did not include a mill as the name would lead one to believe.—G. B. & C. N. Griffin.

Urbana, Ill.—Members who want their scales gone over during April, should send application immediately to the sec'y, in order that the route of the inspector may be made up, to include the greatest number with the smallest traveling expense.—S. W. Strong, sec'y Ill. G. D. A.

Decatur, Ill.—C. P. Cline, formerly in the brokerage dept. of the Evans Elvtr. Co., has opened a brokerage office in the Wait Bldg. and will operate as C. P. Cline & Co. The new firm has taken over the business and accounts of Kizer & Co., and will publish the track bid circular.

State Road sta. (Ogden p. o.), Ill.—The report that Fred H. Peyton and Geo. Osborne had bot the elvtr. of E. C. Sadorus at this point was erroneous. Mr. Peyton has merely succeeded Chas. Feeley as mgr. of the elvtr., Mr. Feeley having gone to Mayview to assist Mr. Sadorus at his elvtr. there.

Joliet, Ill.—Wm. Brookman was elected pres. of the Joliet Grain Co. at its meeting Mar. 14. Other officers chosen were M. J. Wilhelmi, vice-pres. and Ed. J. Conley, sec'y.

Joliet, Ill.—By a decision of Referee in Bankruptcy Morrill Sprague Mar. 10, \$1,502.59 will revert to the Truby Grain Co. estate to assist in paying off the creditors of the bankrupt elvtr. concern. This amount will be turned over to Trustee Charles V. Barr of Plainfield, by the First National Bank of Joliet.

The will of the late Sam'l W. Allerton has been admitted to probate and disposes of an estate of \$4,000,000. Allerton Johnstone, a grandson, received 1,760 acres of land in Vermillion county, all lots and buildings in Allerton, including the elvtr. at that station and 58 shares of capital stock in the local bank.

East St. Louis, Ill.—We will build a concrete elvtr. of from 100,000 to 125,000 bus. capacity and will install a drier to handle 500 bus. of corn per hour, but will not begin work before late in the summer. We will also build a small storage house for the manufacturing of chicken feed.—M. W. Voorhies, sec'y Republic Mfg. Co., St. Louis, Mo.

Palola, Ill.—We have let contract to the Decatur Constr. Co. for a 30,000-bu. cribbed elvtr. We will build on the old foundation, practically duplicating our house burned, Feb. 6. Only a few details will be changed. We are doing business thru the old Middle Elvtr. which we leased and expect to have the new house ready June 1.—El Paso Elvtr. Co., El Paso, Ill.

Green Valley, Ill.—G. G. Waltmire, mgr. of the Farmer Grain & Coal Co., was evidently born under a lucky star. Three years ago he lost his watch while drilling wheat in Oklahoma and a year later plowed it up. It was uninjured and he carried it until a few weeks ago, when he lost it in a corn bin. With faint hope that it might be found he wrote to two firms to whom the corn had been shipped and a few days ago received the watch apparently unhurt by its travels.

Peoria, Ill.—The grain trade was well represented at the reunion of the McDougal family of this city on the occasion of the recent 95th birthday anniversary of John McDougal. Of his 6 sons, 4 are connected with the grain trade, E. D. being mgr. of the cash grain dept. of the Armour Grain Co., Robert and Walter are members of Knight & McDougal, grain exporters and W. G. is in the grain trade on his own account in the west. The other two sons are J. B., bank examiner and Alfred, an insurance man. Mrs. H. M. Clark is the only daughter and was also in attendance.

A vigorous campaign for new members has been started by the Illinois Grain Dealers Ass'n, thru an Extension Com'te of One Hundred, which was appointed by the directors at Chicago, Feb. 24. In an announcement issued Mar. 10 by Sec'y S. W. Strong, giving the names of the members of the com'te, Pres. Lee G. Metcalf calls attention to the valuable services performed by the ass'n for its membership thru the arbitration buro, claim buro, crop reporting buro and scale department and to the following matters which will be pressed to a successful issue before the Interstate Commerce Commission and the Public Utilities Commission of Illinois: More cars for shipping grain; compensation for cooperating cars; more prompt delivery of grain, or payment of market loss; and a B/L which will protect the shipper rather than defeat his claims for losses. The enrollment of 100 new members will greatly aid the Ass'n in effecting these reforms. Non-members will promote their own business by responding cordially to any invitations they may receive from the members of the Extension Com'te. All should join the Ass'n. The member getting the most new members, with his lady, will be invited as the guest of the Ass'n at the annual convention. All his expenses of travel and while at Cairo will be born by the Board.

Curran, Ill.—While Chas. Smith was weighing corn in the cupola of the elvtr. of the Beggs & Havey Grain Co., at noon, Mar. 13, he was suddenly surrounded by a burst of flames and smoke. His escape seemed cut off but forcing his way to a window he jumped, landing on a coal car near the elvtr. The elvtr. burned to the ground with the 2,000 bus. of corn it contained, the loss amounting to \$10,000. Several C. P. & St. L. freight cars on a siding were also burned. Mr. Smith was alone in the elvtr. at the time and does not know how the fire started. He was badly burned, but was not hurt by his fall.

Cairo, Ill.—The 21st annual convention of the Ill. G. D. A. will be held in Cairo, June 2-3. This meeting promises to be the most important and interesting of any in the history of the organization. No more interesting place could have been selected. The two great rivers, and the wonderful levees, will be a source of wonderment to all. This convention should mark a record breaker in attendance. The program will include as speakers Frank H. Funk, a member of the Public Utilities Com's'n; Harry Woods, sec'y of state; Chas. D. Jones, pres. of the G. D. N. A.; Wm. R. Bach, attorney for the Ill. G. D. A.; J. B. Magee and R. B. Green of Cairo, and other speakers of lesser note. The tentative entertainment plans are for a two-river, three-state trip, on the celebrated steamboat Sidney, a thousand passenger boat, a Blue Grass barbecue among the hills of old Kentucky, and a special railroad ride over the levee of Cairo. Cairo enjoys the distinction of being the only walled city in America, a 50-ft. wall opposing the rivers that have caused so much damage and disaster in the past.—S. W. Strong, sec'y, Urbana.

CHICAGO NOTES.

CHICAGO CALLERS: J. A. Carden, Hampton, Ia.; R. M. Roberts, Troy Grove, Ill.

James Pringle, Sr., formerly in the grain business at this market, died Mar. 4 at Stratford, Ont.

Wm. C. C. Gillespie, a member of the Board of Trade for over 50 years, died Mar. 15 at the age of 92.

Keelin Bros. elvtr. will probably be finished in two weeks by the contractor, the Macdonald Engineering Co.

Daniel Kennedy, who has been connected with the W. A. Fraser Co. for a number of years is now with J. C. Shaffer & Co.

The roof of the Michigan Central Elvtr. at Kensington was finished Mar. 21 by the contractor, the Macdonald Engineering Co.

The Norris Grain Co. has let contract for an 800,000-bu. concrete tank storage addition to the Norris Elvtr. The Burrell Engineering & Constr. Co. will do the work.

Wm. Kemper, pres. of Kemper Bros. and a member of the Board of Trade for 30 years, died Mar. 18. Mr. Kemper joined the exchange in 1884 and was 65 years old at the time of his death.

A change in the rules of the Board of Trade whereby an expelled member who seeks readmission to membership will require as many affirmative votes in the directory as a new member was adopted Mar. 10 by a vote of 341 to 311.

Merrill & Lyon will move into new offices in the Webster Bldg. Apr. 1, after being tenants of the Board of Trade Bldg. for 30 years. The offices of the Crop Improvement Com'te of the Council of Grain Exchanges will move into the offices vacated by Merrill & Lyon.

Auguste V. Beauvais, Wm. F. Roberts, Walter P. Bishop, Wheelock S. Nicholson, Mose Singer, Oliver D. Mosser, P. P. McLaughlin, L. A. La Rocque, W. F. McWhinney and C. M. Replogle have been admitted to membership in the Board of Trade and the certificates of Rudolph N. Desjardins, Jesse Briegel, A. Brosseau, Ed. P. Bacon, Eugene W. Lewis and the estate of W. C. C. Gillespie have been posted for transfer. Memberships are quoted at \$2,300 net to buyer.

Investigations have strongly developed the theory of murder in connection with the death of C. M. Fairman of Walters Bros., whose almost nude body was struck by a train and ground to pieces Feb. 28. It is now asserted that he was dead when placed on the tracks.

The State Grain Inspection Dept. has installed a wild oats separator for use in obtaining the dockage from wheat. The machine makes a perfect separation in one half a minute, whereas by sieves the process is done less satisfactorily and requires five minutes or more.

The roof of the malt house of the Northwestern Malt & Grain Co. was discovered on fire, Mar. 10, and the upper floors of the building were badly damaged before the flames were checked. The loss is placed at \$8,000. The prompt closing of the fire doors and the quick arrival of the firemen, saved the adjoining elvtr. containing 1,500,000 bus. of barley.

The offerings of hay are not very large at present. Demand shows some improvement. We look for light receipts for a while as farmers are busy and are not likely to stop their field work to ship their hay. We look for market to do better. Shippers can take advantage of this condition and get some hay on the market.—W. R. Mumford & Co.

C. M. Healy, chief clerk of the state grain inspection dept. for the past 10 years, tendered his resignation, Mar. 11, to become effective Apr. 1. Mr. Healy is well posted on the laws governing public warehouses and the inspection of grain and will be greatly missed by the dept. The annual reports of the inspection dept. have all been prepared under his supervision.

The liabilities of the W. A. Fraser Co. which filed a petition in bankruptcy, Mar. 10, are placed at \$180,145.14 with assets of \$420,594.79. Too much money invested, lack of ready cash, and slow assets are said to have been the cause of the suspension. The largest creditors are the Fort Dearborn Nat'l Bank for \$76,800 and Walter Fitch & Co. for \$10,000, both claims, however, are secured by grain in storage and in transit. The other creditors are grain dealers in small towns thruout the state, whose claims amount to \$93,345.14. The firm is an old one having been organized in 1902 by W. A. Fraser, who joined the Board of Trade in 1898 and who was in the grain business in Galesburg prior to that time.

At a special meeting, Mar. 13, members of the Board of Trade considered the proposed change in the rules regulating the delivery of corn on future contracts necessitated by the adoption of the new government corn grades which become effective July 1. It was recommended that the new No. 1 and No. 2 grades be made the standard for delivery on future contracts, mixed being deliverable at the same price and yellow and white at $\frac{1}{2}$ c premium. No. 3 mixed is to be deliverable at $2\frac{1}{2}$ c discount, and yellow and white at 2c discount, while No. 4 mixed can be delivered at 5c penalty and the yellow and white at $4\frac{1}{2}$ c under. The directors were authorized to draw an amendment and submit it for vote. Under the law the Illinois State Grain Inspection Department is not required to announce its new corn grades earlier than 30 days before they go into effect.

INDIANA.

Ligonier, Ind.—A farmers elvtr. company is being organized at this station.

Shipsheanna, Ind.—Wolfe Bros. have succeeded me.—Jas. A. Beecher.

Winslow, Ind.—The Winslow Mfg. Co. will make extensive improvements in its plant.

North Manchester, Ind.—I am now with Kinsey Bros.—E. L. Wormington, formerly at La Russell, Mo.

Cammack sta. (Muncie p. o.), Ind.—I have installed a 20-h.p. electric motor in my elvtr.—John Howell

Roann, Ind.—T. J. Lewis & Bro. are making some improvements in their office equipment and arrangements.

Boonville, Ind.—A farmers company has been organized to handle grain and machinery.—Boonville Mfg. Co.

Thorntown, Ind.—L. C. Riley has bot the interest of R. S. Stall in Stall & McCorkle and we will operate as McCorkle & Riley.—E. B. McCorkle.

Earlville, Ind.—Raymond Lapa, who was caught in the act of robbing the elvtr. of the Earlville Elvtr. Co., Jan. 25, will be tried in a few days.

Otterbein, Ind.—John M. Gougar, for many years in the hay and grain business here and at Shadeland, died recently in La Fayette, at the age of 82.

Daleville, Ind.—I have bot the elvtr. of Jones & Shedron and am operating it in connection with my other house which I built in 1871.—J. P. Shoemaker.

Fortville, Ind.—Baxter McBane, mgr. of the Thorntown Grain Co., Thorntown, Ind., has bot the elvtr. of John McComas. Possession will be given Apr. 15, 1914.

Greenfield, Ind.—A. Newton Rhue, for many years a grain dealer in this city, died recently at the age of 60. He is survived by a widow and one son, John A. Rhue of Marion.—C. L.

Galveston, Ind.—F. B. Couchner, with our company for the last 12 years, died Feb. 26. Mr. Couchner was taken ill last May while on his vacation and never recovered his health.—Galveston Grain Co.

Middlebury, Ind.—Isaac J. Troyer of Walkerton, has bot the half interest of J. D. Carper in the Middlebury Grain Co. and has taken possession. I own the other half interest and will manage the new company.—C. F. Troyer.

Goshen, Ind.—The Interstate Hay Co. and Johnson & Son, have been advised that their petition for withdrawal of the fraud order made some time ago by the Postoffice Department against them, has been ruled on unfavorably.—C. L.

Dinwiddie sta. (Lowell p. o.), Ind.—Since the Monon has bot the C. & W. V. R. R., we expect they will put the road into good running shape and Babcock & Hopkins of Rensselaer, who operate the elvtr. will make improvement.—Jerome Dinwiddie, mgr. Dinwiddie Grain Co.

Greensburg, Ind.—The report that our plant was practically destroyed by fire Mar. 5, was incorrect. Only our hay barn and a warehouse burned and they were 2 blocks from the elvtr. which was never in any danger. We believe that the plant was set on fire. The total loss amounted to \$3,500, with an insurance of \$2,000. We will rebuild.—Nading Mill & Grain Co.

Fiat sta. (Montpelier p. o.), Ind.—I have been making some improvements in the plant I have bot here. Have put an another story, adding a cupola and installing a sheller, cleaner, two stands of elvtrs., manlift, automatic loading scale and overhead wagon dump. I have made an up-to-date plant of it. Will still call it the Fiat Mill & Elvtr. and will do a regular grain and elvtr. business.—John Dean, prop., Liberty Center.

Windfall, Ind.—The announcement in this column Feb. 10 that the Windfall Grain Co. had succeeded the Urmston Grain Co. in the Windfall line of elvtrs. was incorrect. The Urmston Grain Co. has not relinquished its interest but has interested A. W. Legg who is now mgr. for the company. The accounting that has been done at the Tipton office of the Urmston company has been transferred back to the Windfall office.

INDIANAPOLIS LETTER.

I am with the National Elvtr. Co. of this city.—H. J. Brumfield.

The Board of Trade has filed with the Public Service Com's'n a petition asking that the Big 4 be compelled to provide better shipping facilities for the movement of grain in Indianapolis. According to the petition, the railroad delays cars of grain in the yards and does not expedite the movement, resulting in much loss to dealers.—C. L.

Judgment has been given the Star Elvtr. Co. against the Big 4 R. R. Co., on account of a discrepancy between the destination and loading weights at Elvtr. "A." Testimony before the Public Utilities Com's'n showed that there was a defective seal record and this greatly influenced the decision. Sec'y Riley of the Ind. G. D. A. was attorney for the plaintiff.

The Ind. Grain Dealers Ass'n sent the following telegram to Senator Kern of Indiana, who presented it to the United States Senate: "Understand McCumber's bill for federal inspection of grain is likely to come up any day. The grain trade of this state is opposed to federal inspection. We are working with department of agriculture for standardization of grades and federal supervision of inspection, thus giving relief sought by McCumber, and avoiding dual and cumbersome inspection and delays in transportation. We hope the matter can be worked out in an orderly, intelligent manner."—C. L.

Indianapolis millers and elvtr. and grain men will fight to the last extremity the efforts of the railways to secure approval of the rule which will compel the grain men to provide their own grain doors. The Acme-Evans Mfg. Co. of this city has been providing its own grain doors for some time and has been making unsuccessful attempts to secure reimbursements from the carriers. In the proposed new rule no provision is made for the return of the grain doors to the consignor, which means that they will accumulate around grain shipping centers. The Indianapolis Board of Trade, thru its traffic manager, R. R. Hargis, will act for the grain shippers and receivers.—C. L.

IOWA.

Stennett, Ia.—Good & Son have succeeded H. E. Moore.

Struble, Ia.—Ben Garding is now mgr. for the Farmers Elvtr. Co.

Waverly, Ia.—Coddington & Laird have installed a moisture tester.

Boone, Ia.—Joe White of Meridian is now mgr. of the Farmers Co-operative Co.

Mediapolis, Ia.—The Mediapolis Realty Co. has bot the elvtr. of Foster & Co.

Gowrie, Ia.—J. A. Beckwith of Luther, is now mgr. for the Farmers Elvtr. Co.

Dundee, Ia.—Guy Siberling has bot the elvtr. of the defunct Farmers Elvtr. Co.

Osage, Ia.—C. N. Bates is mgr. of the recently organized Farmers Grain & Supply Co.

Ellsworth, Ia.—It is reported that Jos. Olsen will build another elvtr. here this spring.

Ft. Dodge, Ia.—The Quaker Oats Co. has just added a 750-bu. Ellis Drier to its plant.

Kingsley, Ia.—W. H. Creasy has succeeded Ed. J. Forbes as mgr. of the Farmers Elvtr. Co.

Graettinger, Ia.—V. L. O'Connor has succeeded J. Anderson as mgr. for the Farmers Grain Co.

Cambria, Ia.—Amos Sheets has bot the old elvtr. of McKlveen & Eikenberry for old lumber.

Callender, Ia.—We may build an addition to our house in the fall.—N. Pearson, mgr. Callender Grain Co.

Cedar Rapids, Ia.—The Quaker Oats Co. has just completed the installation of a 1,500-bu. Ellis Drier.

Turin, Ia.—The elvtr. of the Turin Elvtr. Co. was closed for a few days recently on account of lack of cars.

Steamboat Rock, Ia.—I have purchased an electric motor and will install it in the east elvtr.—H. Potgeter.

Galva, Ia.—Hans Seriks has resigned as mgr. of the Galva Union Elevtr. Co. on account of failing health.

Soldier, Ia.—Geo. and Joe Johnson have bot the elvtr. of the Trans-Mississippi Grain Co. at this station.

Hawarden, Ia.—We expect to build an elvtr. here this season.—Fred Finnie, agt. McCaul-Webster Elvtr. Co.

Dawson, Ia.—A. M. Dodge, Chas. Francis and Ed Flood are interested in organizing a company to build a farmers elvtr.

Luther, Ia.—At the recent annual meeting of the Farmers Elvtr. Co. W. S. Criswell succeeded Will Gildea as pres.

Estherville, Ia.—The elvtr. of the Gt. Western Grain Co. has been closed for the season. It will be reopened in July.

Swisher, Ia.—Farmers in this vicinity contemplate the organization of a Farmers Elvtr. Co.—Farmers Elvtr. Co., Walford.

Emmetsburg, Ia.—We will let contract Apr. 8 for a new 40,000-bu. elvtr.—S. D. Bickford, sec'y, Emmetsburg Co-operative Co.

Larrabee, Ia.—I am now mgr. of the Farmers Elvtr. Co. at this station.—C. F. Abbott, formerly mgr. Neola Elvtr. Co., Lavinia.

Ames, Ia.—J. M. Munsinger, mgr. for the B. A. Lockwood Grain Co., has bot a block of buildings owned by the company, comprising 7 stores.

Colo, Ia.—The Farmers Grain Co. has elected the following officers: Patrick Mulcahey, pres.; J. T. Handsaker, sec'y, and Robt. Jack, mgr.

Kanawha, Ia.—N. H. Veldhous, formerly in the grain and lbr. business at Holmes, has bot the elvtr. of J. K. Johnson and will take possession May 1.

Kamrar, Ia.—The Farmers Elvtr. Co. voted to spend \$4,000 on improvements in its plant during the coming summer at its recent annual meeting.

Bouton, Ia.—Wright & McWhinney have bot the elvtr. of the Farmers Grain Co., which went into the hands of a receiver Feb. 19. M. Montgomery is agt.

Melcher, Ia.—G. J. Stewart & Co. of Chariton, will build an elvtr. and lbr. yard at this station as soon as a site can be obtained from the railroad company.

Anamosa, Ia.—H. Nordman is not in the grain business, but he seems anxious to trade in grain for future delivery providing the commission merchants will supply the cash.

Humboldt, Ia.—The following officers have been elected by the Farmers Elvtr. Co.: Pres., Robert Sayers; vice-pres., J. M. Olesen; sec'y, J. D. Merris; treas., R. J. Johnston.

Greenville, Ia.—Fred Lohof has succeeded Chas. Watson as mgr. of the elvtr. of the Skewis Grain Co., Mr. Watson now being mgr. of the elvtr. of De Wolf & Wells Co.

Dewar, Ia.—While playing around the elvtr. of Follert & Emert, Mar. 18, Emert Follert, 8-year-old son of O. W. Follert, fell into the basement and broke both bones in his forearm.

Lavinia, Ia.—C. F. Abbott formerly agt. for the Neola Elvtr. Co. at this station is now mgr. of the Farmers Elvtr. Co. at Larrabee. Frank Long of Sac City has succeeded Mr. Abbott.

Carnes, Ia.—The Farmers Mutual Co-operative Co. of Alton has bot the elvtr. of F. W. F. Weenink. Otto Kaschmitter, formerly asst. mgr. for the company at Alton, will be mgr.

Archer, Ia.—The Archer Grain Co. has let contract to the Younglove Constr. Co. for a 30,000-bu. reinforced concrete elvtr. with 10 square bins and up-to-date machinery equipment.

Grinnell, Ia.—The following officers were elected at the recent annual meeting of the Farmers Elvtr. Co.: J. L. McIlrath, pres.; F. E. Mintie, vice-pres.; John Evans, sec'y; John Campbell, treas.

Newburg, Ia.—The following officers were elected at the recent annual meeting of the Farmers Elvtr. Co.: W. E. Newton, pres.; F. N. Wesco, vice-pres.; Frank Beatty, sec'y, and Clyde Foster, treas.

Delaware, Ia.—We are the only regular dealers at this station, but there is a scoop shovler here. Our elvtr. is completed and is 24x56 ft., equipped with corn crusher, sheller, grinder and cleaner.—H. J. Pitcher & Son, Earlville.

Boone, Ia.—E. W. Wagner & Co. of Chicago have opened a local office in this city with A. R. Young in charge.

Spencer, Ia.—C. F. Wagner, mgr. for the DeWolf & Wells Co. at Marathon, has been promoted to this office and will manage the local business here in future. He succeeds J. L. Breidinger, who resigned.

Hanna sta. (Lu Verne p. o.), Ia.—Geo. Frantz has succeeded T. J. Fox as mgr. of the Kunz Grain Co. and will move his family here as soon as the company rebuilds the agt.'s house burned recently.

Perry, Ia.—Ludwig Jensen, local mgr. for Harper & Ward, was married Mar. 3 to Miss Jennie Wolf. When the "boys" found it out, he was compelled to make a speech in a clown costume and to stand "treats" all the way round.

Marathon, Ia.—W. J. Miller, traveling auditor for the DeWolf & Wells Co., will succeed C. F. Wagner as mgr. for the company at this point, Mr. Wagner having been appointed to the management of the company's office at Spencer.

St. Anthony, Ia.—We will build a 25,000-bu. elvtr. at once, the Younglove Constr. Co. having taken the contract to complete it May 1. It will be up-to-date in every way and will be equipped with sheller and cleaner.—Mackin & Harlan.

Des Moines, Ia.—Wm. Crarer, formerly traveling representative of the Taylor & Patton Co., who recently broke his leg, will become mgr. of the terminal elvtr. recently leased by his company, as soon as the house is ready for operation.

Havelock, Ia.—Our elvtr. is up-to-date, and we have been doing a prosperous business ever since we started operations. We have 30,000 bus. capacity and have had the house full many times this winter. Our net gain for the year was about \$500 over all expenses. Chas. Strong is mgr.—Farmers Coal & Grain Co.

Covington, Ia.—We have not fully decided to build an elvtr. here yet, as the Ry. Co. is making some changes in its trackage at this point, but as soon as the company has finished its new plans we expect to build. It may be several months, however, before we can take the matter up.—Jackson Grain Co., Cedar Rapids.

Hinton, Ia.—W. H. Glover, mgr. of the Farmers Elvtr. Co., who was caught and crushed between two cars switching in the yards of the elvtr., Feb. 19, died Mar. 15 from his injuries. His death is a shock to his friends as after amputation of his foot he was said to be recovering. He suffered a relapse, however, and died from the shock.

Hull, Ia.—The Farmers Elvtr. Co. has let contract to the Younglove Constr. Co. for the remodeling and repairing of its elvtr. Improvements to be made include a new stand of legs, a 1,500-bu. Fairbanks Automatic Scale, new transmission and a 15-h.p. Fairbanks oil engine. The company will not be able to handle grain for 3 weeks. H. J. Huebregtie is mgr.

Waukon, Ia.—The firm of Minert & Nagel will be discontinued and I will continue the business. I have let contract to the Burrell Engineering & Constr. Co. for a 28x26 ft. iron clad elvtr., 28 ft. high; also a warehouse 24x40 ft. The plant will be built on a concrete foundation. The equipment will include a 12-in. elvtr. belt, a 24-in. attrition mill with motor drive, crusher, a 60-bu. hopper scale and a truck scale. The house will be operated by electricity.—F. H. Nagel.

Cedar Rapids, Ia.—The program of the annual convention of the Western Grain Dealers Ass'n has been completed and reveals many interesting and pleasing features. The entertainment of the delegates will include a banquet at 6:30 p. m., Apr. 9, with a vaudeville show as an added attraction, an automobile trip thru the city and a visit to the large grain product manufacturing plants and terminal elvtrs., in the morning of Apr. 10, and a luncheon tendered by the Commercial club of the city at noon the same day. The complete program is published elsewhere in this number of the Journal.

Madrid, Ia.—Carl Lundahl, mgr. of the elvtr. of Johnson & Lundahl, recently received a black hand letter commanding him to bring \$100 to the elvtr. at night or the writers would "get him." Mr. Lundahl took the money, with the city marshal as an escort and arriving at the elvtr. found the bandit to be Ed. Castle, the 17-year-old son of a prominent merchant. Young Castle admitted several robberies in this vicinity and said that he and 2 companions meant to use the \$100 to go to Canada.

Wellsburg, Ia.—John Tjaden has let contract to the Younglove Constr. Co. for the rebuilding of his elvtr. burned Feb. 23. Work will be started on the new house as soon as weather permits. Some of the old foundation may be used, but a strong wind on Feb. 28, revived the fire in the ruins and the blaze thus kindled pretty well cleaned up what was left of the house. M. H. Tjaden, who operated the house, was able to salvage about 5 carloads of grain, mostly oats. Farmers have been taking home loads of the burned grain for feed. The new elvtr. will have a capacity of 25,000 bus., and will be equipped with up-to-date machinery.

Des Moines, Ia.—C. A. Wright of Wright & McWhinney of this city, recently bot the controlling interest in the Des Moines Elvtr. Co., including the holdings of M. McFarlin, who has been pres. of the big east side terminal company since its organization by him and his associates in 1899. Mr. Wright has also bot the holdings of other large interests in this company during the past two years, including those of Messrs. Hancock, Hodgson, Consigny and Gilchrist, who have been large shareholders since the organization of the company. It is assumed that Mr. Wright will succeed Mr. McFarlin as pres. of the company, aside from which there will be no change whatever, either in the policy or personnel of the company. H. C. Moeller will continue as sec'y-treas. Mr. McFarlin retires from the active management of the company's affairs after a period of over 15 years of active successful business administration, and from active connection with the cash grain trade after an experience of about 30 years, in which he has always been an important figure.

KANSAS.

Wakefield, Kan.—The elvtr. of H. Neomiller & Sons is being remodeled.

Burr Oak, Kan.—Burr Oak Mill & Elvtr. Co. incorporated; capital stock, \$15,000.

Doniphan, Kan.—Chas. Carrigan will build an elvtr. at this point in the spring.

Osborne, Kan.—H. Thomas has built a concrete office to replace the old one.—M.

Sharon, Kan.—The Sharon Grain Co. has leased the Hawthorne Elvtr. at this station.—M.

Hugoton, Kan.—Hugoton Elvtr. & Warehouse Co. has increased its capital stock from \$20,000 to \$25,000.

Belvue, Kan.—The Chas. A. Geiger Grain Co. has built an iron clad warehouse addition to its elvtr.—M.

Wamego, Kan.—The Lord Mlg. Co. is increasing its grain storage capacity. The company will also install a new corn mill.

Turon, Kan.—Miller & Sons of Clyde have bot the mill and elvtr. of the Turon Mill & Elvtr. Co. owned by Stevenson Bros.

Sterling, Kan.—C. E. Fall bot the elvtr. of M. P. Shaak to handle his own grain. He raises about 15,000 bus. a year.—H. N. Lloyd.

Penalosa, Kan.—The contract for the new elvtr. of the Farmers Elvtr. & Merc. Co. has been let to the P. H. Pelkey Constr. Co.

Newton, Kan.—The Newton Mlg. & Elvtr. Co. is contemplating the erection of additional wheat storage, according to R. A. Goerz, sec'y.

Topeka, Kan.—The Page Mlg. Co. will build a 110,000-bu. storage addition to its plant in this city. Large concrete tanks will be erected.

Coldwater, Kan.—A milling company has been organized here with Geo. H. Hilton as pres.—Harry Marshall, mgr. Farmers Grain L. S. & Merc. Ass'n.

Manhattan, Kan.—The Page Mfg. Co., of Topeka, will build a large concrete tank addition to its plant here, increasing the storage capacity 75,000 bus.

Prairie View, Kan.—A. W. DeYoung has bot the interest of Dan Thomas, his partner, in the elvtr. and is now operating under his own name.—M.

Larned, Kan.—The old Grant Mill and Elvtr., recently purchased by John Stephans will be thoroughly overhauled and put in shape to operate at an early date.

Nettleton, Kan.—We are not fully organized as yet, but we expect to build an elvtr. before July 1.—C. H. Clark, temp. pres., Farmers Grain & Produce Co.

Coldwater, Kan.—I am now relieving Earl Martin, our agt. here. He has taken a 30-day vacation. I only operated the elvtr. at Nashville thru February.—J. C. Edsall, agt. Millers Grain Co.

Hutchinson, Kan.—The Kansas Grain Co. has let contract for an addition to its elvtr. The capacity of the house will be doubled, making it 200,000 bus. Four reinforced concrete tanks will be built.

Hamlin, Kan.—One of the elvtrs. of A. Kanel will be taken down and moved from the railroad right of way. It is reported that he will use the lumber from this house to enlarge his other elvtr. at this station.

Abilene, Kan.—Frank Goeffray, who has been engaged in the grain business in Wichita for a number of years and in the grain brokerage business on his own account for the past year, has moved his offices to this city.

Hutchinson, Kan.—The Public Utilities Com'n will hold a conference in this city, Apr. 21, to consider the petition of the farmers unions and other state ass'ns for a reduction of rates on grain for export, the rates to the gulf on export wheat being especially considered.

Pittsburg, Kan.—Our new elvtr. will be of studded construction and iron clad, 30x34 ft. and 70 ft. high with concrete basement. We will have a corn mill and cleaning house with attached warerooms 28x50 ft. and 16x30 ft. The plant will be operated by steam power and will be built by the Pelkey Constr. Co.—Pittsburg Elvtr. Co.

Wichita, Kan.—The railroads entering this market are opposed to the methods used by the Board of Trade grain inspector in locating leaky cars in the yards. The inspector uses the "hammer" test which the carriers argue is not a fair test. A meeting was recently held by the railroad officials and the weigh men and another meeting will be held next month in an effort to settle the matter.

Burdett, Kan.—T. B. Cheatham, mgr. of the Rock Mill & Elvtr. Co. at this station who is charged with burning the depot and a car of wheat and one of kafir corn some time ago, has confessed to a long line of check forgeries covering his dealings in the grain trade in the last two years. He is said to have accused J. L. Armstrong, former agt. of the company, and R. A. Morris, the town banker's son, as accomplices. He has also confessed that they intended to burn several more cars of grain, the elvtr. and other buildings.

Baileyville, Kan.—Judgment for \$1,123.13 was recently awarded the Griffith Grain Co. against the St. J. & G. I. Ry. Co. for damages to the elvtr. of the company, wrecked by a freight train belonging to the carrier. On Feb. 28, 1913, a west bound freight, which was switching near the elvtr. jammed an empty car thru the side of the house, tearing the office to pieces and spilling 400 bus. of millet seed and 1,000 bus. of corn on the tracks. The car tore thru the office, upsetting the stove, splintered the south end of the engine room, but missed the engine and finally banged into the elvtr. itself, tearing a hole from the foundation to within 6 ft. of the roof.

Judging from the Hutchinson Gazette's tirade against Sec'y E. J. Smiley, he must be doing some very effective work against the cheap politicians who are striving to force their unwanted services as grain inspectors upon the grain trade. If more of the valueless inspections of grain and feed-stuffs were discontinued, the cost of getting them from the producer to the consumer would be reduced.

Cheney, Kan.—J. R. Anderson was granted an injunction Mar. 17 against the Cheney Grain & Elvtr. Co. and Wm. McCue, constable, preventing McCue and the company from disposing of 50 shares of stock which he alleges belong to him. He states in his petition that he purchased 50 shares of stock in the elvtr. company on Jan. 2, 1914, from O. P. Armstrong for \$155. He says that he asked E. E. Crosby, sec'y of the company, to make the transfer on the company's books, but he has refused to do so. On Feb. 16, 1914, a judgment of \$300 was granted in the justice court of Cheney against Armstrong. Constable McCue was ordered to dispose of Armstrong's property to satisfy the judgment. The 50 shares, states Mr. Anderson, are still listed in Armstrong's name and the constable has listed them for sale.

Ellsworth, Kan.—An Ellsworth county man pleaded guilty and paid a fine in Justice Wolfe's Court March 4 for selling wheat that had been mixed with sand. The charge was brot by us, to whom the wheat was sold. The deception was discovered by the Aaron Kipp Grain & Coal Co. to whom we first offered the wheat. They warned us of the fraud. There are no extenuating circumstances connected with the man's dishonesty. He was not in need. It was simply a greed for gain. We are told that this method of cheating has been practiced before. Grain buyers have been loath to prosecute for various reasons. This case ought to serve as a warning to those who are inclined to this dishonest practice. Nothing is truer than the old adage: "Honesty is the best policy."—Ellsworth Mill & Elvtr. Co.

KENTUCKY.

Corydon, Ky.—The Corydon Mfg. Co. will remodel an old tobacco warehouse into a grain storage house.

Louisville, Ky.—Chas. T. Ballard of Ballard & Ballard has entirely recovered from his attack of the "Nile" fever and is again at his desk.

LOUISIANA.

Shreveport, La.—Work is progressing rapidly on the new plant of Robinson Bros., which will replace the one burned Dec. 15, 1913.

New Orleans, La.—The Louisiana Ry. & Nav. Co. has made application for space opposite the Westwego elvtrs. and docks, on the river front, sufficient to allow increased terminal facilities and the erection of a large elvtr. The dock board and the public belt com's'n will consider the application.

New Orleans, La.—Pres. Hardin and Sec'y Herring have sent the following letter to State Senators Thornton and Ransdell, at the request of the members of the Board of Trade: "We are informed that Senator McCumber of North Dakota has presented to the Senate a bill for the inspection of grain by the Federal Government, and which will come up for consideration in the Senate at an early date. Our board is of the opinion that it would be unfortunate to have any bill looking to the federal inspection of grain by the federal government passed by Congress at this particular time, for the reason that the government has not as yet adopted standards or types for grain, with the exception of corn."

MARYLAND.

BALTIMORE LETTERS.

Choice of the grain tables on the floor of the Chamber of Commerce will be decided at the annual auction sale of the tables, Apr. 6.

The death of Jarrett M. Gilbert was announced on the Chamber of Commerce by Pres. Blackford, Mar. 21, and a com'te appointed to attend the funeral.

Douglas M. Wylie, pres. of Wylie, Son & Co., succumbed, Mar. 9, to the attack of pneumonia which had confined him to a local hospital for the last two weeks. Mr. Wylie was a prominent member of the Chamber of Commerce, having served as the chairman of the executive com'te, vice-pres. and pres. of the exchange in 1905 and 1906. At the time of his death he was a director of the Terminal Warehouse Co. Pres. Blackford appointed a com'te to attend the funeral. He was 49 years old and was well known to the grain and flour trade at this market.

MICHIGAN.

Sturgis, Mich.—W. P. De Bolt is our mgr. here.—Sturgis Grain Co.

Chesaning, Mich.—E. P. Delmon is now mgr. for us.—Perrot & Stuart.

Wayne, Mich.—P. H. Stellwagen is now mgr. for the Wayne Mill & Produce Co.

Bronson, Mich.—The Bronson Mfg. Co. has succeeded the F. M. Rudd Mfg. Co.

Corunna, Mich.—I have succeeded my father, A. W. Green.—Arthur C. Green.

Sterling, Mich.—The Sterling Elvtr. Co. will build a 24x50 ft. addition to its elvtr.

Ovid, Mich.—The elvtr. of the Chas. Cowan Seed Co. burned Mar. 13; loss \$12,000.

McCords, Mich.—F. S. Thomas will build an elvtr. here this summer.—Jay S. Ellis.

Belding, Mich.—Post Bros. now operate the elvtr. of Wilson & Co.—E. Chapple & Co.

Bannister, Mich.—H. J. Smith is now mgr. for the Ithaca Roller Mills at this station.

Saranac, Mich.—T. G. Mercer has succeeded the M. L. Hooper Estate.—D. G. Huhn Co.

Belding, Mich.—E. E. Jenks does not own an elvtr. here; is a scooper.—E. Chapple & Co.

Grand Rapids, Mich.—E. J. Manshum has succeeded Gaiser A. Brummeler Co.—Voigt Mfg. Co.

Dexter, Mich.—Jas. L. Smith & Son are now agts. for the Stockbridge Elvtr. Co.—D. E. Hoey & Son.

Niles, Mich.—R. C. Atkinson & Co. incorporated to deal in grain, hay and feed; capital stock, \$12,000.

Dexter, Mich.—D. E. Hoey & Son have installed a motor in their elvtr. and will operate by electricity.

Mt. Forest, Mich.—Mrs. W. E. Lester is promoting the building of an elvtr. here.—Pinconing Elvtr. Co., Pinconing.

Snover, Mich.—Leslie Mellan has bot the elvtr. of the Mellan-Simmons Grain Co. and will operate under his own name.

Mulliken, Mich.—Wm. Barber and O. J. McNaughton have bot the elvtr. of A. E. Lawrence.—Geo. H. Triphagen, Sunfield.

Rose City, Mich.—I am now mgr. of the Rose City Elvtr. Co. Joslin & Rice are scoop shovelers at this station.—L. I. Thompson.

Birmingham, Mich.—Smith Bros. have no elvtr. here now. The railroads shut us out of their building.—E. R. Smith, successor to Smith Bros.

Rudyard, Mich.—At present there are no elvtrs. here but I expect to build a small house this summer and install a cleaner.—R. J. Forgrave.

Oshtemo, Mich.—I have sold out at this station. The elvtr. is not running at present, only feed grnding being done there now.—Jos. F. Phillips, Kalamazoo.

Tecumseh, Mich.—The elvtr. formerly owned by John McIntyre has been closed and he is out of the grain business. We are the only elvtr. operators here at present. Brown & Co. and Moore Bros. are doing a scoop shoveling business in this section.—D. Gratz & Son.

Constantine, Mich.—I will operate the elvtr. of the Farmers Elvtr. & Coal Co. which I recently leased under the old name and will be mgr.—W. G. Gibson.

Eaton Rapids, Mich.—We have bot the elvtr. of N. A. Strong and now operate all the elvtrs. on the L. S. & M. S., between Lansing and Springport.—Crane & Crane.

Constantine, Mich.—Wm. G. Gibson has leased the elvtr. of the Farmers Elvtr. & Coal Co., which has discontinued its operation as a corporation.—Constantine Mlg. Co.

Vandalia, Mich.—Fred A. Tretsort and J. M. Bonnie are scoop shovelers at this point. We are the only regular grain dealers here.—Pears East Grain Co., per H. E. East.

Fenwick, Mich.—I have sold my elvtr. to Hiram Hall. I have been in the grain business for 17 years and want to get out of it and live the "simple life."—B. E. Caldwell, Stanton.

Caro, Mich.—A temporary organization of a farmers elvtr. company was effected Mar. 14. Temporary officers are J. J. England, pres.; R. W. Black, sec'y and W. F. Dowling, treas.

Battle Creek, Mich.—I will open a wholesale grain office in this city, Apr. 1, but will continue to operate the Edwardsburg elvtr. as a transfer house.—A. J. Carpenter, Edwardsburg.

Britton, Mich.—We have bot the elvtr. at this station and will install new machinery and increase the capacity of the house. Have not decided how great an improvement we will make.—Walker & Dreher.

Woodville, Mich.—I have bot the elvtr. at this station and will carry on a general retail and shipping business. I will push the bean business especially in connection with the Saginaw plant.—W. A. Daily, Saginaw.

Vassar, Mich.—Farmers have, to a large extent, gone into beans, sugar beets, hay and live stock during the last 3 years. The elvtr. business all thru this section has felt the general depression of the country, but conditions look better now.—Miller Grain Co.

Nashville, Mich.—J. B. Marshall has bot the elvtr. of Barker & Martens and has sold a half interest in the house to John Martens. The firm will operate as Marshall & Martens. Mr. Marshall managed the elvtr. for 30 years before it was sold to Martens & Viemaster, who were succeeded by Barker & Martens.

Detroit, Mich.—The following officers of the Board of Trade were elected at the annual meeting Mar. 10: Fred W. Blinn, pres.; Harry B. Simmons, 1st vice-pres.; Cliff. R. Huston, 2d vice-pres.; F. W. Lichtenberg, Lynn Hobart, Frank T. Caughey, K. P. Kimball, R. L. Hughes, Geo. Beck, Art. S. Dumont and Theo. W. Swift, directors. Com'te of arbitration, K. P. Kimball, Chas. N. Carran, Fred J. Simmons, Robt. Henkel, David Stott, H. F. Zink, R. L. Hughes, Ed. Wiggle, F. B. Northwood, H. M. Mok. Com'te of Appeals, Theo. W. Swift, Geo. L. Fleitz, Cliff. R. Huston, H. F. Dieterle, Wm. J. Orr, Wm. Johnson, Wm. H. Spicer, Fred J. Simmons and H. M. Hobart.

MINNESOTA.

Mazeppa, Minn.—Albert Schroder will build an elvtr. here this spring.

Austin, Minn.—Our firm has been dissolved.—McLaughlin & O'Halloran.

Alberta, Minn.—The Cargill Elvtr. Co. has bot the elvtr. of the Lang Elvtr. Co.

Jackson, Minn.—The Farmers Elvtr. Co. expects to make extensive repairs this spring.

Adams, Minn.—J. P. Schissel will overhaul his elvtr. this spring.—S. O. Jackson, agt. Hunting Elvtr. Co.

Shakopee, Minn.—A. H. Timmerman is interested in the organization of a farmers elvtr. company here.

Hampton, Minn.—M. Endus has bot the elvtr. of the H. Nieder estate and is operating it.—F. C. Pryor, mgr. Farmers Elvtr. Co.

Wabasso, Minn.—We will handle machinery and hardware after Apr. 1.—Farmers Grain & Fuel Co.

Wood Lake, Minn.—G. W. Van Dusen & Co. have bot the elvtr. of the Inter-state Grain Co. at this station. John Rodeck was agt.

Hallock, Minn.—The Farmers Elvtr. Co., which was organized 2 years ago with a capital stock of \$15,000, will now build or buy an elvtr.

Guckeen, Minn.—I am now agt. for the Independent Grain & Lbr. Co. In the last 14 years I have been agt. for 3 companies here.—T. F. Garry.

Madelia, Minn.—The C. S. Christensen Co. has completed its new elvtr. The tanks are of steel with 50,000 bus. capacity and replace the elvtr. burned Mar. 28, 1913.

Hanley Falls, Minn.—The Farmers Elvtr. Co. will build a new elvtr. to replace the house burned Oct. 24, 1913. Bids for the construction of the new elvtr. closed Mar. 24.

Lake Benton, Minn.—We have installed a manlift, automatic scale and Englehart Flexible Spout Holder and Loader in our elvtr.—C. C. Hatchard, mgr. Farmers Co-operative Ass'n.

Bixby, Minn.—M. B. O'Halloran has taken over the elvtr. of McLaughlin & O'Halloran at this point, the firm having been dissolved. Mr. McLaughlin will operate the elvtr. of the company at Pratt.

Jackson, Minn.—The old elvtr. of Greig & Zeeman was closed in 1911 and was torn down this fall. Brown & Lev still own a house here, but it has been closed for 5 years.—R. S. Matson, agt. Bennett Grain Co.

Red Lake Falls, Minn.—The Farmers Elvtr. Co. never took any steps to build an elvtr. I do not know whether they are even completely organized yet or not.—S. M. Silvertson, sec'y-treas. Red Lake Falls Mlg. Co.

Sauk Center, Minn.—The farmers did not buy the old elvtr. of the Minneapolis & Northern Elvtr. Co. The house has changed hands, but is not in operation and we are not sure who does own it.—Central Minnesota Power & Mlg. Co.

Melrose, Minn.—We have bot all the elvtrs. of the Lee & Gingery Co. The houses are located at Sauk Center, West Port and West Union. We will operate them as J. Borgerding & Co. with headquarters in this city.—J. B. Weissner, mgr.

Pratt, Minn.—The M. B. McLaughlin Co. has succeeded McLaughlin & O'Halloran, that firm having been dissolved. Mr. McLaughlin has taken over the elvtr. here and will retain Henry Finnegan as mgr. Mr. O'Halloran will operate the elvtr. at Bixby.

Porter, Minn.—The elvtr. of the Western Elvtr. Co. is closed. M. Fisher has bot the elvtr. of Miller & Miller and will open it next fall. We have installed electric power and will paint the house in the spring.—H. E. Larson, mgr. Farmers Grain & Supply Co.

Mankato, Minn.—The Hubbard Mlg. Co. has let contract to the Minneapolis Steel & Mch'y Co. for a 225,000-bu. addition to its storage plant, to be completed Aug. 15. Twelve steel tanks will be erected, to replace the elvtr. and cleaning house burned July 10, 1913.

Moorhead, Minn.—The matter of rebuilding our plant here has been delayed but will be taken up in a month or 6 weeks, as soon as we get the plant at Casselton, N. D., in operation so that we can give it the necessary thought and attention.—C. I. Gross, mgr. Baldwin Flour Mills.

Angus, Minn.—I recently bot the old elvtr. of the Minneapolis & Northern Elvtr. Co., that firm having discontinued business, and wrecked the house, selling the lumber. We are operating the only elvtr. open here now, the elvtrs. of the St. Anthony & Dakota Elvtr. Co. and the Federal Elvtr. Co. being closed.—John Gutormson, agt. Duluth Elvtr. Co.

Arco, Minn.—We are not at present using the Sleepy Eye Elvtr., which is owned by the United Flour Mills Co., and which we leased for a year, because business has been too dull. We are, however, running the feed mill and using the coal sheds.—P. H. Jensen, mgr. Farmers Independent Elvtr. Co.

Wheatville, Minn.—The elvtr. of A. L. Hanson was recently found to be on fire, the blaze being discovered under the elvtr. in about 3 ft. of dust. The fire was put out before any damage resulted. It evidently started from spontaneous combustion. If elvtr. men would be more careful and keep their plants free from dust such fires would not happen. It is right down, carelessness.—A. R. Uecker, agt. National Elvtr. Co.

Moorhead, Minn.—Dwight M. Baldwin, Jr., has leased the mill and elvtr. of the Chaffee-Miller Mlg. Co. at Casselton, N. D., and will move the working force from this city to Casselton. The fire here Mar. 6 burned the mill and contents but the 50,000-bu. elvtr. which is operated independently escaped. The total insurance amounted to \$65,000, leaving an actual loss of about \$25,000. C. I. Gross, who has been mgr. here, will retain his position at the new plant.

MINNEAPOLIS LETTER.

The E. R. Dibble Co. is now out of business.—Dibble Grain & Elvtr. Co.

John H. Pank, mgr. of the Pioneer Malt-ling Co., is slowly recovering from a severe attack of appendicitis.

Capt. J. C. Verhoeff, for 20 years a prominent member of the Board of Trade, is seriously ill at a local hospital. He is local representative for the Armour Grain Co.

Irvin L. Stair, of Stair, Christensen & Timerman, has been confined to his bed on account of weakness from loss of blood thru several severe attacks of nose bleed. He is a cash grain salesman for the company.

Pliny E. Cooper, pres. of the Cooper Com's'n Co., has been ordered to pay the Equity Co-operative Exchange, \$4,052.92, by Judge Hale of the district court, for the alleged conversion of 3 carloads of wheat, May 24, 1913. Mr. Cooper was formerly sales mgr. of the exchange and it is said the wheat was turned over to him and no accounting ever made of the transaction.

A blockade of grain that threatened to seriously handicap this market was averted by Chairman Judge Mills of the state railroad and warehouse com's'n Mar. 18. The blockade began Mar. 15, when the Gt. Nor. refused to receive or deliver loaded cars over the Minn. Eastern tracks and up to Mar. 18, 75 cars of grain and flour were motionless in the Gt. Nor. yards. The blockade grew out of an agreement between the two roads whereby the Gt. Nor. was to pay 25c for each loaded car received or delivered over the Minneapolis Eastern tracks. The Gt. Nor. came to the conclusion that this agreement was unfair and proposed a schedule by which each road should bear ½ of the expense. The terms were not accepted, and to bring matters to a head the Gt. Nor. discontinued its relations with the Minneapolis Eastern. Judge Mills prevailed upon the Gt. Nor. to clear its tracks and keep them open pending a final settlement of the matter.

MISSOURI.

Medford, Mo.—Edw. Fender is reported to be ready to build an elvtr.

Marionville, Mo.—W. H. Bradford has installed a Midget Marvel Mill.

Charleston, Mo.—The Charleston Mlg. Co. has just completed the installation of a 300-bu. Ellis Drier.

La Russell, Mo.—E. F. Brite operates the elvtr. at this station for a private firm.—E. L. Wormington, now at No. Manchester, Ind.

Princeton, Mo.—Our office and warehouse at this station burned Mar. 14; loss partially covered by insurance.—A. A. Alley, Alley Grain Co., Mercer, Mo.

KANSAS CITY LETTER.

Harold F. Spencer has been elected a member of the arbitration com'te of the exchange, succeeding Frank A. Talpey, who died Feb. 24.

The C., M. & St. P. Ry. Co. is preparing plans for a 1,000,000-bu. concrete addition to its terminal elvtr. Construction work will be pushed so that the additional capacity will be available this year.

W. G. Bilts, Jr., mgr. of H. H. Steele & Co., will succeed J. C. Robb, who has been handling the mill wheat business of the company. Mr. Robb has entered the grain brokerage business on his own account.

ST. LOUIS LETTER.

C. H. Misegades is now traffic mgr. for the Valier-Spies Mlg. Co.

The annual meeting of the St. Louis Millers Club will be held Mar. 30.

John F. Schuricht, for over 30 years sec'y of the Saxony Mills, died recently at the age of 56. He has not been actively engaged in business for a number of years.

Geo. Kaps, who has been local representative for the Avery Scale Co. for some time, is reported to have entered the grain business on his own account. He has been succeeded by Geo. Hanley.

The following have been admitted to membership in the Merchants Exchange: Geo. S. Tiffany, Fred Huttig Bernet, Harry N. Meissmann, T. Maurice Scott. And the following memberships have been transferred: Emory Fay, R. F. Phillips, Henry C. Barr, Walter N. Ernst.

E. O. Stanard, pres. of the Stanard-Tilton Mlg. Co., died Mar. 12 of heart disease at the age of 82. Mr. Stanard was a member of the Merchants Exchange and was pres. of the organization in 1866. The ex-presidents and directors of the exchange were the honorary pallbearers. Resolutions were adopted by the exchange and the rostrum was draped in black.

The first meeting of the creditors of the defunct firm of Connor Bros. & Co. was held Mar. 25. Members of the exchange recently made up a purse of \$1,065 and presented it to James A. Connor as an expression of their esteem and friendship. He has taken his family to San Antonio, Tex., where it is said he will again enter the grain trade.

We are building a small elvtr., 50 ft. x 50 ft., 140 ft. high with a carrying capacity of 125,000 bus. The building is to be reinforced concrete with 20 bins and when finished will constitute the working house of our entire elvtr. system. With this improvement we will bring our full capacity up to 350,000 bus. The old elvtr. will be used for storage and the new house will contain all the machinery. We are now excavating for the foundation and hope to have the house in operation some time the latter part of July or early August. The Macdonald Engineering Co. has the contract. John J. Lichter is consulting engineer.—Geo. P. Plant Mlg. Co., Sam Plant, vice-pres.

Edward E. Felkel, pres. of the Farmers Com'n Co., who was recently expelled from membership in the Merchants Exchange, has filed suit against the exchange and its directors asking for an injunction to prevent his expulsion. In his petition he alleges that for years there has been a prejudice against him among the grain members of the exchange. He was suspended for three months beginning Sept. 16, 1912, but the suspension was held up until Oct. 14, 1912, owing to a temporary restraining order he obtained in Circuit Court. The petition recites that he was expelled by the Board of Directors Feb. 25, 1914, following charges made in connection with the defeat of James A. McCreery of Mason City, Ill., who was a candidate for election to the board of the exchange. The judge has ordered the exchange directors to appear before him and show cause why an injunction should not be issued.

MONTANA.

Big Sandy, Mont.—H. Earl Clack of Havre will build an elvtr. here. Work is to be started at once.

Gilman, Mont.—Farmers are organizing an elvtr. company to build an elvtr. A site has been selected.

Conrad, Mont.—Geo. P. Sexauer & Son, of Brookings, S. D., will engage in the grain business at this station.

Kremlin, Mont.—We have built a 20,000-bu. annex to our elvtr.—E. E. Reiner, agt. St. Anthony & Dakota Elvtr. Co.

Windham, Mont.—The Farmers Equity Elvtr. Co. incorporated; capital stock \$25,000; incorporators John S. Riley and others.

Lambert sta. (Fox Lake p. o.), Mont.—C. S. Gregg, Frank Grow and H. M. Murray are interested in the organization of a farmers elvtr. company.

Simms, Mont.—Farmers are organizing an elvtr. company and will build a house on a site recently obtained from the Gt. Nor. Ry. Co. Work on the elvtr. will be started as soon as weather permits.

Cascade, Mont.—We will build two 25,000-bu. elvtrs. at Ulm and Fort Benton on the Gt. Nor. and expect to have the houses in running order by next fall. Have not selected machinery.—Cascade Mlg. & Elvtr. Co.

Fresno sta. (Kremlin p. o.), Mont.—The St. Anthony & Dakota Elvtr. Co. recently built elvtrs. at this station and at Xenia sta. (Gildford p. o.). Both houses were of 30,000 bu. capacity and are now closed.—E. E. Reiner, agt. for same company, Kremlin.

Lewistown, Mont.—We have built 30,000-bu. elvtrs. at the following stations, at which the men named are agts.: Kolin on the Gt. Nor., C. A. Vieths, agt.; Grass Range on the C. M. & St. P., S. E. Chandoin, agt.; Hoosac (no p. o.), S. B. Gamble, agt.; Arrow Creek (Stanford p. o.), J. G. Hansen, agt.; and Coffee Creek (no p. o.), R. E. Champlin, agt.—Montana Elvtr. Co.

Geyser, Mont.—The elvtr. of the Montana Central Elvtr. Co., containing 4,000 bus. of grain, burned at 4 a. m. Mar. 11. The elvtr. was practically a new one, having been erected less than 18 months ago. The flames had gained such headway when discovered that nothing could be done to save the building. The ties in the switch for 60 ft. along the side of the elvtr. were burned and the rails twisted and ruined.

NEBRASKA.

Dixon, Neb.—J. B. Hatch is building an addition to his elvtr.

Cortland, Neb.—The coal sheds of the Farmers Grain & Coal Co. burned Mar. 20.

Uehling, Neb.—The elvtr. of the Farmers Grain & Stock Co. was recently damaged by fire.

Walthill, Neb.—M. Z. Easton has succeeded Wm. Wingett as mgr. of the Farmers Grain Co.

Thurston, Neb.—W. E. Albaugh is now mgr. of the Holmquist Grain & Lbr. Co. at this point.

Cotesfield, Neb.—The Farmers Elvtr. Co. is building an addition to its elvtr. and will install a grinder.

Everson sta. (Alma p. o.), Neb.—S. Whiteacre has leased the elvtr. of W. H. Lewis at this station.

Cortland, Neb.—The Farmers Grain & Coal Co. has let contract to G. H. Birchard for an up-to-date elvtr.

Fremont, Neb.—The Farmers Union Co-operative Ass'n incorporated to deal in grain, etc.; capital stock, \$25,000.

Holbrook, Neb.—John Tripe, formerly mgr. of the Hynes Grain Co. at Arapahoe, is now mgr. of the Farmers Business Ass'n.

Omaha, Neb.—It is not our intention to actively engage in the grain business as has been reported. We have been interested in some elvtr. companies in this state, but have not ourselves taken an active part in the management.—R. B. Weller, Weller Bros.

Minden, Neb.—Noel Milburn, mgr. of the Minden Grain Co., died recently. Mr. Milburn was also part owner of the company.

Doniphan, Neb.—The Doniphan Grain Co. has elected W. E. Martin pres.; Chas. Beers, sec'y, and H. E. Funke, treas. of the company.

Lawrence, Neb.—Work has been started on the elvtr. of the Farmers Elvtr. Co. The R. M. Van Ness Const. Co. has the contract.

Hoskins, Neb.—The elvtr. of the Anchor Grain Co. has been closed for the season.—Aug F. Kuhlow, mgr. Farmers Grain & L. S. Co.

Max, Neb.—John O'Donnell & Sons of Stratton have bot the elvtr. of the Milbourn Smith Grain Co. and are now in possession.

Hastings, Neb.—The Koehler-Twidale Elvtr. Co. incorporated; capital stock \$150,000; incorporators C. and B. S. Koehler and E. A. Twidale.

Trenton, Neb.—Frank Real of McCook has bot the elvtr. of the Milbourn-Smith Co. and will open the house in time for the new crop.—R. A. Gibson.

Lindsay, Neb.—I have succeeded J. J. Mack as agt. for the Nye-Schneider Fowler Co.—Peter Schad, formerly agt. for the same company at Cornlea.

Garrison, Neb.—Farmers Elvtr. Co. incorporated. Officers and incorporators, Geo. Clymer, pres.; James Kirby, vice-pres., and H. L. Mosgrove, sec'y-treas.

Omaha, Neb.—The Anderson Rylander Co. incorporated to deal in grain and live stock; capital stock \$100,000; incorporators John A. Anderson and C. M. Rylander.

Tobias, Neb.—I have succeeded J. M. Daily as mgr. for the W. T. Barstow Grain Co., Mr. Daily having moved to Sioux City to engage in other business.—A. E. Pratt.

Lincoln, Neb.—The opinion by Attorney-General Martin that grain commission merchants are subject to the commission merchant law and must pay an annual fee of \$10 is published elsewhere in this number of the Journal.

Wausa, Neb.—The report that we have closed our elvtr. is untrue. We closed our mill Feb. 28 in order to make a clean up but will take care of our customers as before. We have a good supply of flour on hand and before it is gone will be in shape to fill all kinds of orders placed before us.—C. P. Lundgren, mgr. Farmers Elvtr. Co.

Lawrence, Neb.—We have let contract to the R. M. Van Ness Constr. Co. for a 24x26x32 ft. elvtr. with a 11x24x20 ft. cupola, a 10x12 ft. engine room, 12x14 ft. office and 14x24 ft. warehouse. The entire plant will be iron clad on a concrete foundation. The bin bottoms will also be concrete. The equipment will include a manlift, and all other first class machinery. We have leased the M. P. Elvtr. here for 60 days. Work has been started on the new plant.—H. J. Pohlmeier, pres. Farmers Elvtr. Co.

NEW ENGLAND.

Bangor, Me.—Our new 60,000-bu. elvtr. was put into operation Mar. 1.—Flory Mlg. Co.

Washington, R. I.—We are not in the grain business at present.—Andrew & Knight.

Boston, Mass.—D. O. Ives, mgr. of the transportation dept. of the Chamber of Commerce, died Mar. 18 at the age of 63.

New Britain, Conn.—Lawrence McL. Stanley, gen. mgr. of the Stanley-Svea Grain & Coal Co., has announced his engagement to Miss Celine McKee.

Marlboro, Mass.—The J. P. Steele Grain Co. incorporated; capital stock, \$10,000; officers and incorporators, E. C. Steele, pres. James P. Steele, treas., and A. D. Matheson.

Pawtucket, R. I.—Peter Lennon, operator of an elvtr. in this city for the last 40 years' is contesting the petition of bankruptcy filed against him by creditor, Feb. 16. He seeks to show by 2 pieces of property that he was not insolvent. It

was claimed that the estimate of the creditors on the elvtr., which is assessed at \$9,000 and was set down as being worth that much, was too low. It was said that the construction of the elvtr. had cost about \$30,000, and that it was worth fully \$18,000 at this time. According to testimony, the firm owes about \$66,149, of which \$44,900 is secured by mortgages on the real estate; \$10,274 is owed on book accounts and \$10,325 is owed on personal notes which are not secured by mortgages. The assets are set at \$42,360, taking the real estate at its assessed value, and at \$62,820, taking the real estate at the valuation which is placed on it by the owners.

NEW JERSEY.

Trenton, N. J.—Barker Gummere, part owner of the Trenton Mill & Elvtr. Co., died at Hotel Webster, New York City, Mar. 9 from pneumonia.

NEW YORK.

Albany, N. Y.—A meeting of the creditors of the Barry Grain Co. in the office of Referee in Bankruptcy Edwin A. King was held Mar. 24 to consider the final report of the affairs of the defunct company and the disposition of the assets.

BUFFALO LETTER.

Doorty-Ellsworth Co. incorporated; capital stock \$10,000.

The Connecting Terminal Elvtr. Co. is sending out letters of inquiry to elvtr. contractors with reference to the construction of a new plant replacing the one that burned recently.

M. A. Donner closed the office of the Donner-Hall Grain & Feed Co. Mar. 1 and the affairs of the company are being wound up. Mr. Hall has not been connected with the firm for over a year and Mr. Donner will now enter the brokerage business on his own account, with offices in the Chamber of Commerce Bldg.

There were 137,500 bus. of No. 1 hard wheat in the Connecting Terminal Elvtr. at the time of the fire, fully covered by insurance, maintained by the owners for account of the owners of the grain. The Chicago Grain & Salvage Co. is salvaging the grain for the underwriters.—John F. Rice, mgr. General Adjustment Bureau.

The Connecting Terminal Elvtr. contained 137,500 bus. of wheat at the time of the fire, Mar. 9. The elvtr. was a wooden structure built in 1883, and was insured for \$250,000. The fire started at 7 p. m. on the 6th floor and spread rapidly thru the 1,000,000-bu. house. The steamers Kensington and Hubbard, laden with grain, were lying at the elvtr. docks, but were towed beyond the danger line. A section of the wall fell at 10 p. m., letting a stream of wheat flow into the river. The house is the last of the old wooden elvtrs. in this city.

NEW YORK LETTER.

Asa J. Faulkner has been admitted to membership in the Produce Exchange.

Alfred H. Therrien has been admitted to membership in the Produce Exchange.

The Metropolitan Mill & Grain Co. incorporated; capital stock, \$10,000; incorporators Henry L. Little and Chas. F. Shirk. Offices will be opened in the Produce Exchange Bldg.

During the recent severe storm in the east, a carload of wheat, en route from Toronto to New York, consigned to E. Pfarrus, was lost in the blizzard. Mr. Pfarrus had contracted for the sale of the wheat for immediate export and appealed to the railroad company to locate it. Thru the aid of the wireless telegraph, the car was located 3 miles from Scranton and sent on its way. As all wires were down all over the state, the wireless saved the day and incidentally the contract.

NORTH DAKOTA.

Antelope, N. D.—Farmers are planning on the erection of an elvtr.

Belfield, N. D.—Fire recently partially destroyed the elvtr. of David Coutts.

Hong sta. (York p. o.), N. D.—I am now mgr. for the Farmers Elvtr. Co.—T. H. Thoreson.

Cuba, N. D.—C. J. Lee is interested in the organization of an elvtr. company to build a house at this point.

Tappen, N. D.—J. F. Igo has succeeded Jos. Stoullis as mgr. of the Equity Elvtr. Co.—J. H. Slight, agt. Powers Elvtr. Co.

Chalman, (no p. o.), N. D.—Farmers Co-operative Grain Co. incorporated; capital stock, \$25,000; Jeffries Scheide and others incorporators.

Wyndmere, N. D.—Nels Nelson is mgr. of the Osborne-McMillan Elvtr. Co. at this station.—Stanley Jackson, Moselle sta. (Wyndmere p. o.)

Berea sta. (Valley City p. o.), N. D.—The Berea Farmers Elvtr. Co. incorporated; capital stock, \$25,000; incorporators, J. A. Anderson and others.

Brocket, N. D.—The Equity Elvtr. & Trading Co. has bot the elvtr. of the Farmers Elvtr. Co. and will make many repairs in the two elvtrs. it now owns.—J. Robinson, mgr.

Hillsboro, N. D.—There is some talk of an independent elvtr. being started here next fall. The elvtr. of the Equity Elvtr. & Trading Co. will be improved in time for the fall crops.—W. T. Whiteel.

Milnor, N. D.—We have had a prosperous year under H. E. Wyson, mgr., and have let contract for a new 40,000-bu. elvtr. to be erected in the spring.—E. C. Swan, Farmers Grain & Trading Co.

Ruso, N. D.—The elvtr. of the Atlantic Elvtr. Co., containing 8,000 bus. of grain, 2 carloads of coal and a car of flour, burned at 2 a. m., Mar. 7; loss \$15,000. The coal sheds and warehouse of the company were also burned.

Cassellton, N. D.—We will use the 40,000-bu. elvtr. of the plant of the Chaffee-Miller Mfg. Co. that we recently bot, for handling our car trade and whatever wheat is offered.—C. I. Gross, mgr. Baldwin Flour Mills.

Hoving sta. (Milnor p. o.), N. D.—The Farmers Equity Elvtr. Co. will build a 40,000-bu. elvtr. equipped with up-to-date machinery.—J. A. Stockstad, mgr. The company now lease the elvtr. of the Thorpe Elvtr. Co.

Crary, N. D.—Farmers have bot the half interest of D. W. Hunter, mgr. and sec'y-treas. of the Farmers Elvtr. Co. Pres. D. C. McLeod, who owns the other half interest retains it and will be mgr. for the company for 3 years.

Kindred, N. D.—Judgment for \$6,500 has been awarded Mrs. Frank Rohan of Waverly, Minn., against the Cargill Elvtr. Co., for the death of her husband in May, 1912. Mr. Rohan was killed when a wall of the old elvtr. of the company which was being wrecked, fell and fatally crushed him.

Cogswell, N. D.—The recently organized Co-operative Grain Co. has let contract to C. H. Benson for a 25,000-bu. elvtr. to be up-to-date in every way. The equipment will include double leg, manlift, automatic scale, one 10-h.p. and one 20-h.p. gas engine, 9x4 roll feed mill, cleaner and automatic dump. The elvtr. will be located on the Soo and will be in operation June 1.—I. W. Overton.

Cassellton, N. D.—Dwight M. Baldwin, Jr., of Moorhead, Minn., has leased the mill and elvtr. of the Chaffee-Miller Mfg. Co. and will transfer the working force of the plant at Moorhead to this point. The fire at Moorhead, Mar. 6, destroyed the mill, 20,000 bus. of grain, 2,500 bbls. of flour and 100 tons of feed. A 50,000-bu. elvtr. which is operated independently of the mill escaped the flames. C. I. Gross, mgr. of the old plant, will be in charge here. The whole plant will be thoroly overhauled, as it has not been in operation for sometime.

Bismarck, N. D.—The board of com's'ners of this county unanimously decided against the recommendation of Tax Com's'ner Wallace, recommending that the county auditor be instructor to refund 50% of the amount paid in taxes by the Gt. Western Grain Co. on its elvtr. at Menoken.

Northwood, N. D.—We have improved our elvtr. by installing a 2,000-bu. per hour Fairbanks-Morse Automatic Scale for loading cars. We also built a 200-ton coal elvtr. at a cost of \$3,000. I do not think the elvtr. of the Heising Grain Co. burned Feb. 28, will be rebuilt.—Thos Pendergast, agt. Farmers Elvtr. Co.

OHIO.

Wauseon, O.—Hanson & Bresler are remodeling the plant they recently bot.

New Knoxville, O.—The Detjen Grain Co. has succeeded the Detjen-Kattman Co.

Amherst, O.—The Amherst Supply Co. contemplated the erection of another elvtr.

Toledo, O.—Geo. F. Julian was convicted recently of stealing grain from cars on track.

Dayton, O.—The Durst Mfg. Co. denies the report that it has suffered any fire loss recently.

Woodland sta. (Prospect p. o.), O.—We will rebuild our elvtr. at this station.—R. W. Lenox.

Old Fort, O.—A farmers elvtr. company is being organized here to buy or build an elvtr.—C. C. J.

Xenia, O.—My business will be conducted under the name of Erwin & Davis in future.—Herbert Davis.

Claiborne, O.—Platte Perry of Richwood has bot our elvtr. and will take possession May 1.—R. W. Lennox.

Lemert, O.—I will gradually make some changes in the elvtr. I recently bot at trustee's sale.—Phil H. Heaten.

Tobias sta. (Marion p. o.), O.—H. A. Holdridge has bot the elvtr. formerly operated by the Tobias Grain Co.

Toledo, O.—The engagement of Miss Adelaide King, daughter of Frank I. King, to Geo. Wallace of Chicago, was recently announced.

Roxabell, O.—Ellsworth Huffman of Chillicothe has bot and now operates the elvtr. of the Chas. McCafferty Estate. H. H. Pratt is his agt.—W. W. N.

Perrysburg, O.—C. L. Maddy & Co. of this city and H. W. De Vore & Co. of Toledo have consolidated at this station and will operate as C. L. Maddy & Co.

New Bremen, O.—The Kuenzel Mills Co. has succeeded the Bakhaus & Kuenzel Co., Mrs. Backhaus having disposed of her deceased husband's interest in the company.

Akron, O.—The Botzum Bros. Co. incorporated to deal in grain, seeds, and feeds; capital stock, \$100,000; incorporators Chas. C. Lewis C., Albert C., Jos. C. and Harry Botzum.

Millersville, O.—Ezrah Ash of Kansas has bot the elvtr. of the Sneath-Cunningham Co. The latter company will however continue to buy grain thru its agt., John M. Hughes.

Monroeville, O.—Robbers got into the office of my elvtr. thru a window. They ransacked the place but the only thing missing was a few stamps and stamped envelopes.—Philip Horn.

Lindsey, O.—Another elvtr. will be built at this station this spring. There is a farmers elvtr. here now and the other one will be erected, as the company has split up.—Philip Horn, Monroeville.

New Winchester (Bucyrus p. o.), O.—J. D. Winters & Co. will succeed E. Fink, having bot the elvtr. of the company. Mr. Winters is a member of the Mansfield Hay & Grain Co., Mansfield, O.—C. C. J.

Loudonville, O.—South Side Elvtr. Co. incorporated; capital stock, \$10,000; incorporators, E. A. Nau, G. S. Crow, A. H. Weimer, J. W. Harvey and F. W. Hoffman. The new company has bot the elvtr. of Levering Bros., taking possession Mar. 20.

Greencamp, O.—Ed. Atherton has sold his elvtr. to C. W. & L. M. Argo. The new firm will operate as Argo & Reed, the latter being a son-in-law of one of the purchasers. He will be active in the management.—C. C. J.

Agosta, O.—Scoop shovelers are loading oats and ear corn at this point. C. O. Barnhouse is the only dealer here. Those dealing with scoopers do so at great risk as they are usually persons of no financial standing and not able nor willing to meet terms of usual trade rules.—B.

Dayton, O.—Western Ohio grain dealers have effected a temporary organization and have elected Clyde Pontius, Lewisburg, pres.; H. C. Robinson, Eaton, vice-pres., and L. K. Solantz, sec'y. Twenty-five dealers were present at the meeting held Mar. 12. A permanent organization will be effected later.

Toledo, O.—There will be no change in our Toledo firm. We will continue to operate under the name we have used since 1887 and we hope to use the same for another 27 years. We have obtained an interest in the elvtr. business at Line City and Perrysburg with the C. L. Maddy Co. and the elvtrs. there will be operated in the name of C. L. Maddy & Co.—H. W. Devore & Co.

Osborn, O.—Mrs. Amelia A. Tranchant, owner of the Osborn Roller Mills, operated by the Tranchant & Finnell Co., died recently. By the terms of her will her 4 children will share equally in the mill property and farm lands which she owned. The estate is valued at \$44,000 and Frank A. Tranchant, Michael Finnell, a son-in-law, and C. E. Tranchant are executors without bond.

Columbus, O.—The Ohio Grain Dealers Mutual Fire Insurance Ass'n has adopted a novelty in its inspection work. It has provided an automobile for the use of C. O. Garver, the chief inspector, which will make him independent of railway and trolley service. The duties of Mr. Garver take him all over Ohio, and require him to visit hundreds of towns. It is conservatively estimated that by having his own means of travel he will be able to make two inspections for every one he made before. This will enable him to reach each point in the territory with greater frequency. A trial trip made last week in the new machine proved to be in every way successful. It is proposed to rely wholly upon automobile travel except during the severe winter months.—C. C. J.

Lima, O.—A grain trade conference has been called in this city Mar. 27. The meeting will be held at the Lima Club. T. P. Riddle is helping the com'te in charge and the following program has been prepared: Morning Session: A Line on the Markets; What Constitutes a Proper Working Margin?; Seed Grain, the Grain Dealers' Opportunity; A Demonstration of the Hess Improved Moisture Tester. Afternoon Session: Our Ass'n, Its Purpose, Plan and Practical Workings, by T. P. Riddle, Ex-Sec.; A Sketch of a Proposed Re-draft of Ohio's Seed Law, by R. R. Kennedy; Farmers Co-operative Buying and Selling Organizations—Are They Destined to Replace Present Operators? by D. W. McMillen, Van Wert; The Country Miller, by H. W. Fish, Marion; Motion Pictures of the "Corn Boys," by C. J. Bensinger, representative of the Ohio Agricultural Com's'n.

CINCINNATI LETTER.

Traffic Mgr. Guy M. Freer of the Chamber of Commerce has been ill with lumbago and is confined to his home.

Alfred Gowling and Max Blumenthal have been appointed members of the entertainment com'te of the Hay & Grain Exchange.

H. Lee Early of Early & Daniels Co. is again at his desk after an absence of several weeks on account of a severe attack of rheumatism.

The revision of the weighing rules of the Chamber of Commerce was the chief subject of discussion at the monthly meeting of the Hay & Grain Exchange Mar. 10.

E. G. Dunn of Mason City, Ia., addressed the members of the Chamber of Commerce during session on March 17. He assured the members that the farmers had no grievance against legitimate dealings on any exchange.

The Gale Bros. Co. is making extensive improvements in its elvtr. Electric power will be used, trackage facilities have been doubled; drying facilities will be materially increased and the oats handling capacity will be doubled. This enterprising company is endeavoring to have one of the best equipped grain handling plants in the city.

One of Cincinnati's new grain firms is Granger & Starry Grain & Hay Co., successors to the Chas. H. Granger Grain & Hay Co. Chas. H. Granger is a member of the Chamber of Commerce and has had over 16 yrs. of practical grain and hay experience. He has associated himself with Edgar Starry, a well to do commission broker of this city. The firm has its office in the Union Central Bldg.

OKLAHOMA.

Henryretta, Okla.—R. E. Perry and C. W. Ellis will engage in the grain business at this point.

Enid, Okla.—James Black has bot the mill and elvtr. at this point and is again in the grain business.

Oklahoma City, Okla.—The Grain Dealers Ass'n of Oklahoma will hold its annual meeting in this city May 1.

Beggs, Okla.—The elvtr. of Hummel & Latte is being thoroughly overhauled and will be put in to up-to-date shape.

Hobart, Okla.—We will probably install a wheat cleaner in the elvtr. we recently purchased.—E. W. McCormick & Co.

Verden, Okla.—The firm of Wilson & Estes has been dissolved, and I am operating in my own name.—Geo. E. Estes.

Cherokee, Okla.—The plant of the Alfalfa Meal & Mlg. Co. was thoroughly overhauled and repairs and improvements made.

Norman, Okla.—The Norman Mlg. & Grain Co. has installed a 225-h.p. oil engine and a General Electric Dynamo.

Duncan, Okla.—C. C. Coleman, L. M. Kuykendall and J. J. Hardin have bot the mill and elvtr. of the Duncan Mlg. Co. Many improvements will be made.

Tulsa, Okla.—The Rea-Reed Mill & Elvtr. Co. incorporated; capital stock, \$50,000; incorporators E. R. Coker and O. A. Coker of this city and E. S. Rea of Coffeyville, Kan.

Tuttle, Okla.—E. H. Eads of Amber has bot the interest of D. Kramer in the Wheatland Grain Lbr. Co. and will succeed him as sec'y-treas. of the company. He will also be gen. mgr.

Tuttle, Okla.—The sale of my stock in the Wheatland Grain Co. was as much of a surprise to me as it was to my friends. I will not re-enter the grain business before fall if I do then.—Dexter Kramer.

Pensacola, Okla.—J. E. Jones has just completed a modern 5,000-bu. elvtr. equipped with a Western Cleaner and Sheller, and a Bowsher feed mill. A 15-h.p. gasoline engine furnishes the power.—M.

Ames, Okla.—Chas. Cottar, well known as a grain dealer in the southwest, spends his winters in South Africa where he hunts big game. Mr. Cottar recently had the luck of killing 3 large lions in one day.

Enid, Okla.—A judgment of \$244.84 has been awarded against the Farmers Mill & Elvtr. Co. The judgment covers the value of wheat bot by the grain company last fall which later proved to have been stolen.

Nowata, Okla.—W. A. Whitford is mgr. of the W. A. Whitford Grain Co. and I am mgr. for the Rea-Patterson Grain Co. C. F. Merrow is only handling hay and feed in a small way. We sell him some of his stuff.—F. Spencer.

Geary, Okla.—The Geary Mill & Elvtr. Co. contracted with the Farmers Elvtr. Co., of Clay Center, Kan., for 2 cars of wheat at 80c but on account of failure of delivery the milling company was compelled to buy in at \$1 a bu. Suit was brot and judgment given the firm here for \$300.

Oklahoma City, Okla.—James J. Hanna, for many years in the grain business and well known to the grain trade of the southwest, committed suicide, Mar. 6. Sitting at his desk in his office, he put a bullet thru his brain, dying a few hours later. Poor health and business reverses are given as the cause of his act. He was a member of the old firm of Hanna & Leonard of Galveston and suffered heavy losses at the time of the Galveston flood, almost all of his fortune being swept away. He never fully recovered from the effects of the loss.

OREGON.

Spofford sta. (Milton p. o.), Ore.—The grain warehouse of the Pacific Coast Elvtr. Co., containing 3,000 sacks of barley and 3,000 sacks of wheat, burned at 3 a. m., Mar. 9; loss \$20,000. Some of the grain was not a total loss, but all is badly scorched. The wheat belonged to the Balfour-Guthrie Co. Several empty cars were also burned. The insurance will cover about ¾ of the loss. It is thot that tramps started the blaze.

Portland, Ore.—The storage warehouse on Columbia Dock No. 2, containing 12,000 tons of barley owned by Max H. Houser, burned at 4 a. m., Mar. 12, in a water front fire that caused a total loss of \$754,700. The barley was valued at \$375,000 and was fully insured. It is thot that several hundred bags of grain are intact and that considerable salvage will result. The steamer Glenroy loaded with barley and flour, was burned to the deck. The grain in the hold caught fire and smoldered, but did not burn, the blaze being discovered and extinguished in time to prevent serious loss. Mr. Houser, who leased the burned dock and also leases the Irving dock, said: "On Irving dock we have enough grain to care for our immediate wants and scattered over the northwest we have still larger quantities of wheat and barley awaiting shipment to Portland. We will be able to care for the ships we have chartered without any noticeable delay as they will reach here singly and Irving dock will care for them."

PENNSYLVANIA.

Everett, Pa.—The building occupied by F. H. Baker as a warehouse was recently totally destroyed by fire, caused by a short circuited electric current. Considerable grain and seed was destroyed, the total loss being estimated at about \$13,500.—C.

PHILADELPHIA LETTER.

Several changes in the present rules of the Commercial Exchange governing time clauses of contracts between buyer and shipper were discussed at a meeting of the exchange members May 17.

All the machinery having been installed in the new 1,000,000-bushel grain elvtr. of the Penn. Ry. Co., at Girard Point, a test of the machinery alone was made on March 23. After the necessary truing up work has been completed, a test of the plant and machinery, with grain, will be made. It is the intention of the officials to have the new plant open for business on or about April 15. New tariffs will be filed by the company on account of this new elvtr.—C.

On Mar. 12 the directors of the Commercial Exchange ratified the changes in the corn grade rules of the exchange as recommended by the members at a meeting held Mar. 5. The following grades became effective Mar. 23: No. 4 corn includes corn that is damp, soft, dirty and admitting more moisture than No. 3 corn, but still suitable for warehousing; the former grade known as "No Grade" has been abolished, and a grade to be known as "Sample Corn," has been formed to take its place, which includes all corn inferior to No. 4 corn.

The rules of the Commercial Exchange in regard to the shipping of grain were changed at a meeting of the membership, Mar. 17. Most of the rules adopted are in uniformity with those of the Chicago Board of Trade and other organizations thruout the country. Under the new rules traders are held to a stricter observance of the usually elastic terms of contracts and orders. In the future the term "calendar days" will be placed in all contracts and shipments must be made promptly within the time specified. No grace will be allowed for Sundays or holidays.

SOUTH DAKOTA.

Rosholt, S. D.—The farmers are organizing and will build an elvtr.

Effington, S. D.—Farmers are organizing to buy one of the local elvtrs.

Gettysburg, S. D.—The elvtr. of D. H. Curran has been closed for the season.

Seneca, S. D.—The Farmers Elvtr. Co. may install a feed grinder in its elvtr.

Irene, S. D.—Martin Loe is now mgr. of the Farmers Co-operative Stock Co. at this point.

Forestville, S. D.—The elvtr. of the McCaull-Webster Elvtr. Co. has been closed for the season.

Beardsley sta. (Parkton p. o.), S. D.—C. Remper has bot the elvtr. of Zehn-pennig & Tiede.

Aberdeen, S. D.—The Quinn Shepardson Grain Co. has moved into new offices in the Citizens Bank Bldg.

Bridgewater, S. D.—Gottlieb Heckenlaible expects to make extensive repairs in his elvtr. this spring.

Selby, S. D.—The Selby Roller Mills & Elvtr. Co. is making repairs in its plant recently damaged by fire.

Saranac sta. (Madison p. o.), S. D.—The Mutual Grain Co. of Canton has bot the elvtr. of E. H. Wood.

Brookings, S. D.—Geo. P. Sexauer & Son will move their grain business to Conrad, Mont., discontinuing at this point.

Crocker, S. D.—Otto Rasmussen is now agt. for the Pacific Elvtr. Co.—O. G. Haugen, mgr. Farmers Elvtr. Co.

Lyle, S. D.—We have not fully organized our elvtr. company as yet and will not build until fall.—Geo. Henley.

Beardsley sta. (Parkston p. o.), S. D.—Doering, Kayser & Co. of Parkston expect to build an elvtr. here this spring.

Delmont, S. D.—R. D. McCann, formerly mgr. for the McCaull-Webster Elvtr. Co., is now mgr. for the Farmers Elvtr. Co.

Victor, S. D.—Work has not yet started on the new 30,000-bu. elvtr. of the Victor Elvtr. Co. altho contract was let some time ago.—A. H. Dahl.

Morristown, S. D.—L. B. Edmonds, former mgr. of the Columbia Elvtr. Co. at this station, died recently at Smithland, Ia. He was 63 years old.

Elkton, S. D.—Geo. E. Hoch bot the elvtr. of the Sleepy Eye Mlg. Co., formerly leased by the Western Elvtr. Co.—J. M. Johnson, mgr. Farmers Elvtr. Co.

SOUTHEAST.

Huntington, W. Va.—The Gwinn Mlg. Co. of Columbus, O., will build a 65,000-bu. elvtr. at this point.

Vicksburg, Miss.—We will install equipment for handling oats, including cleaner and clipper and scale.—F. G. Speed.

Milledgeville, Ga.—The Oconee River Corn Mills burned Mar. 9; loss \$45,000; insurance \$23,000. The plant will be rebuilt at once.

Jacksonville, Fla.—A. S. Baker has been elected chairman and J. W. Snyder vice-chairman of the hay and grain com'te of the Board of Trade.

Jacksonville, Fla.—The Burroughs & Locke Co., incorporated to deal in grain and feed and to handle mill products and building materials; capital stock \$25,000; officers, E. A. Burroughs, pres.; G. F. Bensen, vice-pres.; Fred C. Locke, sec'y-treas.

Mobile, Ala.—J. T. Pope, grain inspector of the Grain Dealers Ass'n of the Chamber of Commerce, is endeavoring to interest the grain men at this port to make arrangements with the M. & O. Ry. Co. for the repairing of its elvtr. on Pier 7. Mr. Pope says: "The grain men of Mobile are beginning to realize more every day the importance of having this elvtr. in the proper condition. I think that within a short time arrangements will be made whereby the improvements on the elvtr. will be made and Mobile will be in a position to handle export grain in large quantities. Mobile's elvtr. is a good one, but some parts of it are dilapidated. It needs only to be put in good condition to handle any grain Mobile may get. This elvtr. has a drier attachment which is very valuable." R. V. Taylor, vice-pres. and gen. mgr. of the M. & O. says: "The Mobile & Ohio R. R. will put its grain elvtr. into full working order and turn it over to any operator in grain who can make it pay. In any grain movement to or from the port there must be grain elvtrs. at both ends of the steamer haul."

TENNESSEE.

Nashville, Tenn.—Pres. Chas. D. Jones of the G. D. N. A. has been confined to his home on account of illness.

Obion, Tenn.—The Howell Grain & Feed Co., incorporated; capital stock \$35,000; incorporators, Walter Howell, R. F. Batts, H. W. Scott, J. R. and Callie Howell.

Memphis, Tenn.—Chas. G. Robinson will serve the full term of director of the Merchants' Exchange, as Jack Jones, who tied with him for the office, and who was to serve the last half of the term, has been appointed commercial agt. for the Cent. of Georgia at Cincinnati.

TEXAS.

Vernon, Tex.—The Kell Mlg. Co. has installed a new engine.

Lubbock, Tex.—Will Graves and B. R. McWhorter have bot the grain business of Ames & Co.

Lockney, Tex.—The Lockney Coal & Grain Co. has bot our elvtr. at this station.—J. Kendrick, Cobb & Elliott. Grain Co., Plainview.

Dallas, Tex.—The Knight-Steger Grain Co. suffered a \$6,500 fire loss, Mar. 16, when its hay barn burned. The loss was partially covered by insurance.

San Antonio, Tex.—R. Lupton, who operated as the R. Lupton Grain Co. and discontinued business last spring on account of ill health, has again started in business with offices in the Moore Bldg., this city.

Fort Worth, Tex.—The elvtr. of the Burrus Mill & Elvtr. Co. will probably be finished within two weeks. More than half the concrete has been poured. The MacDonald Engineering Co. has the contract.

WASHINGTON.

Selah, Wash.—We will not operate any grain elvtrs.—Selah Feed & Grain Co.

Sunset, Wash.—I have bot a grain warehouse at this station and will enter the business April 1.—D. M. McCance.

Penawawa, Wash.—The grain warehouse of S. M. Smith & Co. reported to have burned at Penawawa, Ida., was located at this station. The insurance amounted to \$2,500, there being no insurance on the 40,000 bus. of grain burned.

J. D. Jarboe, state grain inspector, has made the following statement in reference to the handling of grain by independent companies: Figures for the 1912-1913 delivery season, based on the sworn statements of the different companies submitted to the grain inspection dept., show that 53% of the entire cereal crop of the state was handled by the independent houses. This is the first time that statistics bearing on this phase of the situation have been compiled, and no accurate comparison with former seasons is possible, but this undoubtedly is the largest proportion of storage ever handled before by the farmers' and other nonline companies.

Sample Envelopes

Non-Sifting

Designed especially for mailing samples of grain and seed. Specimens Free.

TULLAR ENVELOPE CO.
67 Larned St. Detroit, Mich.

MOISTURE TESTERS



With Copper Flasks, for gasoline, gas, alcohol or electricity, or with Glass Flasks, for gas or alcohol, conforming exactly with government specifications.

Prices \$30.00 upward.

Free Booklets.
Instant Delivery.

Sieves, also, for percentages of cracked and broken corn.

HESS WARMING & VENTILATING CO.

907 Tacoma Bldg., CHICAGO
MAKERS OF

HESS DRIERS

The Original Brown-Duvel
Tester for Alcohol.
Price \$32.00.

Ask us for a Free copy of the Federal Corn Grades, printed on heavy board. You'll be sure to want it or reference.

Grain Scale Book

Form 23 is an Indexed Journal, keeps a record of 10,000 wagon loads. Each man's loads are entered on his page. It keeps a record of scale weights. From it both debits and credits are posted to ledger, crediting the customer with the amount received and charging it to the grain's account.

The book is ruled with column headings as follows: Date; L. F.; L. E.; Kind of Grain; Remarks; Gross; Tare; Net; Bushels; Pounds; Price; Amount.

The book contains 240 pages, size 10½x15½ inches, of Atlas linen ledger paper. A 28-page index in front. Extra heavy cloth covers with leather back. Price, \$2.50.

GRAIN DEALERS JOURNAL

315 So. La Salle Street CHICAGO, ILL.

GRAIN SHIPPING LEDGER

Form 24. An indexed shipping ledger for keeping a complete record of the shipments of 5,000 cars. Facing pages are given to each firm to whom you ship and name indexed. The pages are 10-1-2 x 15-1-2 inches, used double.

The book contains 100 double pages. Atlas linen ledger paper is used. A 16-page ledger index in front will accommodate all names necessary. The book is tight bound in heavy cloth covers with leather back and corners. Price \$2.50.

Grain Dealers Journal

315 So. La Salle St. CHICAGO, ILL.

North Yakima, Wash.—Fire which started in the mill building of the North Yakima Mfg. Co. spread to the elvtr. containing 12 car loads of wheat, and the entire plant was burned; loss \$100,000; insurance \$75,000. The plant will be rebuilt, concrete tanks being used for the grain storage.

WISCONSIN.

Gillett, Wis.—J. M. Anderson has succeeded Anderson & Cole, the partnership having been dissolved.

Campbellsport, Wis.—R. J. Wenzel and Otto Cole are breaking ground for the erection of an elvtr. and feed house.

Schleisingsville, Wis.—The Milwaukee Elvtr. Co. has bot the elvtr. of the Farmers' Supply Co. Ben Klug will remain as mgr.

Lake Geneva, Wis.—We sold our business to Harold J. Douglas who will operate as Douglas & Dunn.—Edmund Dennison & Co.

Chippewa Falls, Wis.—Forest Marshall will succeed L. A. Hart as mgr. of the Consolidated Mfg., Elvtr. & Power Co., Apr. 1, Mr. Hart resigning after 10 years' service with the company.

Prescott, Wis.—We have bot the elvtr. of the M. T. Dill Grain Co.—Equity Exchange.

Waukesha, Wis.—We have succeeded the Knowlton Grain Co.—Ward-Knowlton Grain Co.

Wausau, Wis.—H. E. McEachron, formerly pres. of the H. E. McEachron Mfg. Co., is reported to be seriously ill. He disposed of his holdings in the company last October and has not been engaged in active business since that time.

Grand Rapids, Wis.—The McKercher & Rossier Co. will build a 20,000-bu. iron-clad cribbed elvtr. with a feed plant in connection and a one-story 40x100-ft. warehouse. The equipment includes an attrition mill, crusher, 3 legs, and hopper scale. All machinery will be driven by individual motors. The Burrell Engineering & Construction Co. has the contract.

Superior, Wis.—The following officers were elected at the recent annual election of the Board of Trade: J. E. Greenfield, pres.; W. H. Crumpton, first vice-pres.; G. B. Hudnall, second vice-pres.; A. N. Lent, sec'y-treas.; Walter Fowler, A. N. Lent and Louis Kopf, directors for 3 years; G. F. Wilson, U. H. York and Peter Eimon, directors for 2 years; S. Crumpton, S. Turney and R. B. Harrington, directors for 1 year.

Kenosha, Wis.—The two large malt elvtrs. of the M. H. Pettit Malting Co. and a warehouse of the company, burned at 6 a. m., Mar. 17. The fire started in the top of the elvtr. shaft of the 300,000-bu. elvtr. and when discovered by a passerby, the roof of the elvtr. 185 ft. above the sidewalk, was in flames. The fire spread to the 225,000-bu. elvtr. adjoining and to the warehouse; but the south half of the plant, which is a stone structure, was only slightly damaged. A heavy rain fell for 2 hours during the fire and this is believed to have saved a great deal of adjoining property. Loss, \$150,000; insurance on the buildings, \$90,000; on the contents, \$90,000. No salvage, all the malt and 150,000 bus. of barley being ruined.

MILWAUKEE LETTER.

The Western Grain & Feed Co. is the new name of the Atlantic Export Co.

Burton Joseph has been elected to membership in the Chamber of Commerce.

R. W. Pearce is the oldest member of the Chamber of Commerce, being 93 years old.

D. D. Weschler & Sons will build a 300,000-bu. reinforced concrete tank addition to their present plant. The Stephens Engineering Co. has the contract.

Ladish, Stoppenbach & Co. have let contract to the Macdonald Engineering Co. for a 300,000-bu. concrete elvtr. No decision as to make of equipment to be installed has been made.

The board of arbitration of the Chamber of Commerce has recently decided that when grain is applied on "to arrive" sales, and is inspected or sampled by the Chamber of Commerce inspection dept., if when arriving at unloading point, the grain is not "plugged" or out of condition, or loaded too high for thoro examination by the dept., the original inspection must stand if the buyer has not had it inspected up to sample before 12 o'clock noon of the business day following the day of sale. The case in question involved the acceptance or rejection of grain at an elvtr., the question being whether the buyer might call for reinspection when the grain arrived at the elvtr. 6 days after the sale, the grain not having been resampled within the 24 hours prescribed by Section 13 of Rule 11, or whether under those conditions the original inspection must stand. The board held that this section has reference particularly to sales of grain, etc., made on track, but it is believed to be entirely fair to apply it as well to what are commonly termed "to arrive transactions." The case has been carried to the board of appeals.

Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Commission the carriers have made the following changes in rates:

C. & E. I. in Sup. 5 to 622-B establishes new minimum weights on grain, grain products and seeds, effective Feb. 8.

Lake-and-rail rates the same as those in effect last year went into effect March 20 to cover this season of navigation.

Mo., Okla. & Gulf quotes a rate of 5c on corn and 6c on wheat from Joplin, Mo., to Baxter, Kan., effective March 26.

C. R. I. & P. quotes a rate of 7c on wheat and corn between Memphis, Tenn., and Briark, Ark., effective April 7.

Mich. Cent. in Sup. 21 to 9078 quotes ex-lake rates on domestic and export grain from Toledo, O., to eastern basing points, effective Apr. 1.

C. M. & St. P. in Sup. 21 to 9200A quotes rates on grain between Mo. River stations; and Ia., Minn., Mo., N. D. and S. D. stations, effective Apr. 1.

Grand Trunk quotes a rate of 27½c on grain and grain products to Porquiss Jnctn., Ont., and 28½c to Iroquois Falls, Ont., from Duluth, Minn., and Fort William, Ont., effective Mar. 30.

M. & St. L. quotes a rate of 11½c on wheat and 14c on millet and flax seed from Keithsburg, Ogle and Seaton, Ill.; to Atchison, Leavenworth, Kan., Kansas City and St. Joseph, Mo., effective Apr. 1.

B. & O. S. W. in Sup. 10 to H2122F quotes rates on grain and grain products from Cincinnati, O., Louisville, Ky., St. Louis, Mo., and other of its stations, to points in C. F. A. territory, effective Apr. 1.

C. G. W. in Sup. 8 to 97-A quotes rates on wheat and corn between Minneapolis and St. Paul, Minn., and McIntire, Bailey, Glade, Bolan, Meltonville, and Moorland, Ia., effective Mar. 15.

C. R. I. & P. quotes a rate of 5½c on wheat, corn, rye, oats, barley and malt from Council Bluffs, Ia., and Omaha, Neb., to Atchison, Leavenworth, Kan., St. Joseph and Kansas City, Mo., effective Apr. 6.

M. & St. L. in 1589E quotes rates on grain and seeds from stations in Minn., to St. Louis, Mo., and stations in Ill.; also a proportional rate on grain and seeds from St. Louis, Mo., and Ill. stations, to stations in Minn., effective Apr. 1.

G. N. quotes a rate of 10c on wheat, grain products, millet and flaxseed, flaxseed screenings, flaxseed hulls, flax bran, shives and refuse and 7½c on corn, rye, oats, barley, spelt, grain screenings, malt and malt sprouts from Duluth, Minn., and Superior, Wis., to Chicago, Ill., effective Mar. 24.

C. B. & Q. quotes a proportional rate of 12.75c on wheat and 11.75c on corn from St. Louis, Mo., East St. Louis, East Burlington and Quincy, Ill., to Nebraska City, Omaha, Neb., Pacific Jnctn. and Council Bluffs, Ia., effective Apr. 1.

C. & N. W. in Sup. 14 to 14500-B quotes domestic and export rates on grain by-products, corn oil, cottonseed oil, and linseed oil cake and meal from Clinton, Davenport, Lyons, Ia., and Peoria, Ill., to eastern and Canadian basing points, effective Apr. 15.

C. G. W. in Sup. 23 to 36-A quotes rates on grain and flaxseed between Chicago, Ill., and its stations; also between Chicago and Iowa stations on connections; also rates on grain and malt from Chicago to Atchison, Kan., and Independence, Mo.; effective Apr. 1.

Santa Fe quotes the following rates on corn and oats from Trinidad, Colo.: 14½c to Gardiner, N. M.; 16c to Hebron and Brilliant, N. M.; 16½c to Dorsey and Van Houton, N. M.; 17½c to Maxwell, N. M.; 18c to French, N. M.; 19c to Springer, N. M.; 20c to Colmor, N. M.; 21½c to Wagon Mound, N. M.; 24½c to Watrous, N. M.; 25½c to Las Vegas, N. M., effective Mar. 31.

Mo. Pac. quotes the following rates from Pratt, Kan.: 25½c on wheat, 20½c on corn and corn meal, 37c on hemp seed, and 34c on flaxseed; to Little Rock, Ark.; 17½c on corn and corn meal, 35c on hemp seed, and 32c on flaxseed to Van Buren and Fort Smith, Ark.; 33½c on wheat, 30c on corn and corn meal, 39c on hemp seed, and 36c on flaxseed, to Texarkana, Ark., effective Mar. 28.

Soo quotes rates on grain from New Richmond, Wis., as follows: 15½c to Atlantic, Beacon Hill, Cole's Creek and Houghton, Mich.; 18½c to Dollar Bay and Lake Linden, Mich.; 20½c to Calumet, Mich.; and on grain products as follows: 17c to Dollar Bay, Hancock and Houghton, Mich.; 20c to Hubbell and Lake Linden, Mich.; and 22c to Calumet, Mich., effective Apr. 1.

C. & N. W. in Sup. 22 to 11475-A quotes proportional rates on grain screenings, malt and malt sprouts, molasses feed, corn, kafir corn, oats, rye, barley, spelt, wheat, buckwheat, flaxseed, oil meal, grain products and flaxseed products, from Winona, Minn., to its stations and from Chicago, Coster, Joliet, and Waukegan, Ill., to Winona, Minn.; effective Apr. 10.

G. N. quotes a rate of 8c on wheat from Grand Forks, N. D., to Bemidji, Minn.; 8½c on wheat, millet and flaxseed and 7½c on corn, oats, rye, barley and millfeed between Sioux City, Ia., and Hills, Minn.; 5c on durum wheat from Duluth, Minn., and Superior, Wis. (when shipments originate outside); to Anoka, Minn., 11.55c on bran, grain middlings, screenings and shorts between Sioux Falls, S. D.; and Watertown, S. D.; and 12c on corn, oats, rye, barley and middlings from Lennox, Sioux Falls and Yankton, S. D.; to Sioux City, Ia., effective Mar. 25.

C. R. I. & P. in Sup. 21 to 28675-A quotes rates on wheat, corn, alfalfa feed, linseed cake, flax, millet and hemp seed between its Oklahoma stations and Kansas City, St. Louis, Mo., and Omaha, Neb., also proportional rates on wheat and corn from Kansas City, St. Joseph, Mo., Atchison, Leavenworth, Kansas City, Kan., Omaha, Neb., and Council Bluffs, Ia., to Oklahoma stations on the C. R. I. & P., C. & O. W., and W. F. & N. W. Rys., effective Apr. 24.

W. H. Hosmer, agent for C. & A., Ill. Cent. and other railroads quotes a proportional export rate of 21.2c on malt from Duluth, Minneapolis, St. Paul, Winona, Stillwater, Minn., Ashland, Itasca, Superior and La Crosse, Wis.; to Strasburg, Va.; also a rate of 19c to Baltimore, Md., Newport News and Norfolk, Va.; 19½c to Philadelphia, Pa., and Montreal, Que.; 20½c to Boston, Mass., New York, N. Y., Portland, Me., Quebec, Que., and St. John; and 21½c to Halifax, N. S. on barley and oats from Duluth, Minneapolis, St. Paul, Minn., Itasca, Superior and Washburn, Wis., effective Apr. 1.

M. K. & T. quotes a rate of 22c on wheat, 18c on corn and 26c on millet and flaxseed between Muskogee, Okla., and St. Louis, Hannibal, Mo., Alton and East St. Louis, Ill.; 15c on corn from St. Charles, Mo., to Minneapolis and St. Paul, Minn.; and a rate of 19c on cracked wheat, crushed wheat, oat groats, pearl barley, from Cedar Falls, Cedar Rapids, Davenport, Des Moines, Le Mars, Fort Dodge and Muscatine, Ia.; to Joplin, Mo., effective Mar. 30.

C. R. I. & P. quotes a rate of 11c on corn, bran, brewers grits, brewers meal, chopped feed, cornmeal, grain screenings, grits, oil cake, oil meal, shorts, oat hulls, oat dust, cerealine, cracked wheat, crushed wheat, oat groats, oat meal, maize and pearl barley from Cedar Falls, Cedar Rapids, Davenport and Muscatine, Ia.; to Armourdale, Atchison, Leavenworth, Kansas City, Kan., and St. Joseph, Mo. (when destined to stations west of Missouri River), effective Apr. 1.

The Kansas City Missouri River Navigation Co. in tariff No. 1 quotes a rate of 7c on wheat and articles taking same rates, 6c on corn, 9c on hemp seed, and 7c on flaxseed from Kansas City, Mo.-Kan., to St. Louis, Mo., and East St. Louis, Ill., via Missouri and Mississippi Rivers, effective Mar. 23. The rates include marine insurance while in transit, free delivery on cars at East St. Louis if destined beyond, switching charges at Kansas City not exceeding \$9 per car, and free delivery at St. Louis into elevators having river terminals.

C. B. & Q. in 1362-I quotes rates on grain, flaxseed, millstuffs, malt, oil cake and oil meal from its stations to Mississippi River points, stations in Illinois, Indiana and Kentucky, and points south of the Ohio River; also distance rates on intrastate shipments; also rates on millstuffs, oil meal and articles taking same rates from St. Paul, Minneapolis, Duluth, Winona, Minn., and Trevino, Minn., to C.F.A. points, New Orleans, La., Mobile, Ala., and Memphis, Tenn.; effective Apr. 1.

C. G. W. in 63-C quotes proportional rates on grain, grain products, feeds and flaxseed from Minneapolis, St. Paul, Winona and Red Wing, Minn., to Chicago, DeKalb, Hanover, Ill., Dubuque, Waterloo, Cedar Falls, Waverly, Clarksville, Manly Junction, Osage, Ia., and intermediate stations Peoria, Pekin, Bloomington, Chapin, Havana, Jacksonville, Springfield, Alton, East St. Louis, Grafton, Quincy, Ill., and St. Louis, Mo., and intermediate stations, also rates on same commodities from Chicago, Coster, East Joliet and Moline Transfer, Ill., to Minneapolis, Red Wing, St. Paul and Winona, Minn., effective Apr. 1.

C. & N. W. in Sup. 13 to 11100-A quotes rates on grain, alfalfa feed and meal from Botna and Kirkman, Ia., to Omaha, Neb., Council Bluffs, and Missouri Valley, Ia.; also rates on oil meal and oil cake from Sioux City, Ia., St. Paul, Minneapolis, Minn., and Omaha, Neb., to Tilden, Neligh, Fremont, Wahoo, Lincoln and Omaha, Neb.; also rates on grain, flaxseed and alfalfa feed from Harvard, Neb., and South Dakota stations on C. & N. W. and P. R. C. & N. W. Rys. to Chicago, St. Paul, Minneapolis, Duluth, Omaha, Council Bluffs, Sioux City, Fulton, Ill., and Green Bay, Wis.; effective Apr. 7.

C. G. W. in Sup. 22 to 14903 quotes rates on grain and flaxseed between Atchison, Leavenworth, Kan., St. Joseph, Mo., and Kansas City, Kan.-Mo., and Iowa stations on C. G. W., Colfax Northern, Crooked Creek, F. D., D. M. & S., Inter-Urban, Mason City & Clear Lake, St. P. & K. C. S. L., and Waterloo, Cedar Falls & Northern Railways; also rates on grain between St. Joseph, and Wyeth, Rea, Cawood, Guilford, Conception, Ravenwood, Parnell, Sheridan and Athelstan, Mo.; also a 7.8c rate on corn, oats, rye and barley and a 9.4c rate on wheat and flaxseed from Des Moines, Ia., to Kansas City, Kan.-Mo., Leavenworth, Kan., and St. Joseph, Mo., when destined to points in Nebraska, Colorado, Utah, Wyoming, Montana or Idaho; effective Mar. 15.

C. B. & Q. in Sup. 45 to 3200-B quotes rates on grain and flaxseed between Peoria, Ill., and Duluth, Minn.; and Kansas City, Leavenworth, Atchison, St. Joseph, Nebraska City, Omaha, Council Bluffs, and Sioux City; also rates on cottonseed and linseed cake and meal from Chicago, Peoria, Amboy, Smithboro, Galena, Centuria, Galesburg, Ill., and St. Louis, Mo., to destinations named above; also 14c on corn and 15c on wheat between East Burlington, Ill., and Sioux City, Ia.; also 11c on corn and 12c on wheat from East Burlington, Quincy, East St. Louis, Ill., and St. Louis, Mo.; to Nebraska City, Omaha, Neb., and Council Bluffs, Ia.; effective Apr. 1.

C. G. W. in Sup. 31 to 14889 quotes rates on flax and millet seed, grain and cottonseed cake, meal and hulls between St. Louis and East St. Louis and Center, Glasgow, Denver, Aladdin, Chautauqua Park, Fosselman, Cedar Heights, County, Rust, Gilbertville, Burk, LaPorte, Lamb, Glory, Brandon, Welch, Cheney, Urbana, Ia., and Belle Chester, Minn.; also a rate of 13.3c on corn, rye, oats, and barley only from Moorland, Roelyn and Somers, Ia., to St. Louis; and a proportional rate of 9c on wheat, bran, chops, feed, middlings, screenings and shorts and 8c on corn, oats, rye and barley, only, from Kansas City, St. Joseph, Mo., and Leavenworth, Kan., to St. Louis, Mo., and East St. Louis, Ill.; effective Apr. 15.

C. R. I. & P. in Sup. 6 to 27537-B quotes rates on domestic and export grain and grain products from its stations to eastern and Canadian basing points; also rates on brewers dried grain, corn oil cake and articles taking same rates from Joliet, Morris, Pekin, Peoria, Rock Island, Ill., Clinton and Davenport, Ia., to same destinations; also rates on wheat, buckwheat, corn, malt, flax and Hungarian seed and broom corn from Atchison, Leavenworth, Kan., Kansas City and St. Joseph, Mo., to Ohio River crossings when destined to Southeastern and Carolina territories; also rates on barley, corn, ground feed, kafir, mill feed, oats, rye, and wheat from Davenport, Ia., Moline, Morris and Rock Island, Ill., to Cairo, Thebes, Ill., and Evansville, Ind.; also from Minneapolis and St. Paul, Minn., to Ohio River crossings, when destined to Southeastern or Carolina Territories; also rates on wheat, buckwheat, barley, corn, oats, rye, kafir and spelt from Minneapolis and St. Paul to C. F. A. basing points; effective May 1.

THE CORN PRODUCTS Refining Co. during the year 1913 earned \$2,284,835 net, equivalent to 7.77% on its \$29,826,866 preferred stock. This is the largest net earnings in the history of the company.

ARTIFICIAL MILK from soy beans has been produced by London chemists, according to press reports. The milk is said to have a high nutritive value and has been used to make cheese and butter.

LINSEED OIL is protected by a recent bill of Senator Kenyon of Iowa, which prohibits its adulteration without being specifically labeled to show the adulteration.

"YESTERDAY'S information cannot serve today's necessities." This should be the grain merchants' motto. Keep up with the times; keep posted about conditions; and read the Grain Dealers Journal.—Jesse L. Peters, Collett, Ind.

OATS are not likely to move freely for some time, and at the present rate of demand, the visible supply should soon show material decreases. Were it not for the uncertain factor presented by the known large supplies of Canadian oats at lake ports, we would be led to believe that the situation indicated a further and substantial advance during the next sixty days. Increasing corn prices and the already high prices for millfeeds both tend to increase the consumption of oats.—L. W. Forbell & Co.

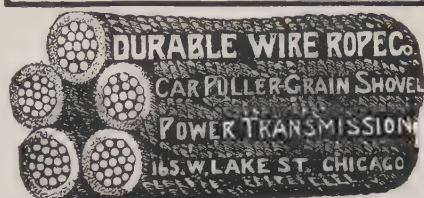
Cover's Dust Protector

Rubber Protector, \$2.00

Sent postpaid on receipt of price; or on trial to responsible parties. Has automatic valve and fine sponge.

H. S. COVER

124 Perley St., SOUTH BEND, IND.



Transit Leaks

are unknown to the grain shippers who use

Kennedy Car Liners

Enormous Increased Sales prove the Efficiency, Merit and Serviceability of these liners.

The Kennedy Car Liner

is the only device offered the grain shipper that makes a car Leak-Proof.

CHEAP—MODERN—PROFITABLE

Write now for particulars

The Kennedy Car Liner & Bag Co.

SHELBYVILLE, INDIANA, U. S. A.

Wagon Loads Received

A book for the use of country grain buyers in keeping a record of grain received from farmers.

Its column headings are: Month, Day, Name, Kind, Gross and Tare, Net pounds, Bushels, Pounds, Price, Dollars, Cents and Remarks.

The book, 9½x12 inches, 160 pages, 20 lines to each page, giving room for recording 3,200 loads, is printed on Linen Ledger Paper and is well bound in strong board covers with leather back and corners. Order Form 380. Price, \$1.50.

GRAIN DEALERS JOURNAL

La Salle Street, CHICAGO, ILL.

Record of Cars Shipped

FORM 385 is a book designed especially for country shippers in keeping a complete record of each car of grain shipped. Reproduced herewith are the column headings and rulings of both the right and left hand pages.

Together with "Wagon Loads Received," it forms a very good set of books for a country dealer.

The book contains 160 pages of linen ledger paper, each 9½x12 inches, ruled 29 lines to a page, so as to give the book spaces for recording 2,320 car loads. It is well bound in strong boards with leather back and corners. Price, \$1.50.

Grain Dealers Journal

La Salle St. Chicago, Ill.

Supply Trade

Indianapolis, Ind.—The Ideal Seed and Grain Separator Co. has filed a petition for a change of name.

Chicago Caller—C. T. Thorbus, Grain Separator Co., Sparta, Wis.; N. C. Webster, Canadian Representative of Richardson Scale Co., Passaic, N. J.

Chicago, Ill.—W. R. Sinks, manager James Stewart & Co., has started on a trip around the world in search of more contracts for up-to-date bulk handling grain elevators.

Chicago, Ill.—William H. Prinz, well known throughout the brewing and malting industry, died recently at the Oak Park Hospital, having been seriously ill only a short time.

St. Louis, Mo.—George Hanly has been appointed local representative of the Avery Scale Co., with office in the Merchants Exchange. Mr. Hanly formerly represented this company in Iowa.

St. Louis, Mo.—The J. F. Wargler Boiler & Sheet Iron Works Co. is installing a 100 h. p. High Pressure Boiler for the Acme Mfg. Co., Knobnoster, Mo., replacing one that recently exploded.

Birmingham, England.—The two largest weighing machine companies in the United Kingdom, W. & T. Avery, Ltd., and Henry Pooley & Son are amalgamating, as W. & C. Avery, Ltd., with an authorized total capital of nearly \$3,000,000.

North Milwaukee, Wis.—The Avery Scale Co. announces the making of arrangements with the Canadian Allis-Chalmers, Ltd., Toronto, Ont., to act as Canadian representatives. This statement means that adequate representation in Canada will be assured.

Maroa, Ill.—A new and very interesting booklet has been published by the Maroa Mfg. Co., devoted to their "Boss" and "King" car loaders. Grain dealers who are still loading by old methods will do well to secure a copy for perusal before the moving of the 1914 crop.

Minneapolis, Minn.—As a sequence to the recent death of L. O. Hickok, elevator builder, the name of the firm of which he was so long an active head, has been changed from that of L. O. Hickok & Son to Hickok Construction Co. The offices remain, as formerly, in the Flour Exchange Bldg.

Chicago, Ill.—The statute prohibiting licensed architects forming partnerships with persons who are not licensed, had bearing in the recent case of Grossman & Proskauer against the International Savings Bank, and others. Grossman is an architectural engineer, but unlike his partner, is not a licensed architect. Because of the violation of the statute, the Judge found for the defendants.

Chicago, Ill.—The Spring improvement fever is already raging among Southwestern grain elevator operators, judging from recent reports of sales of Richardson Automatic Scales. Among other installations are those in the elevators of H. T. Braley, Cleveland, Kans.; Farmers Elevator Co., Clearwater, Kan.; Chetopa, Grain Co., Chetopa, Kan.; Rock Mill & Elevator Co., Hutchinson, for installation at Rozel, Kan., McCafferty & Thorp, Hydro, Okla., and Guthrie Mill & Elevator Co., Guthrie, Okla.

New York City.—The American Manufacturing Co. has secured orders for all the Transmission Rope requirements of the new Plant of the Southwestern Mlg. Co., Kansas City. Other large plants equipped with American Transmission rope are the Standard Mlg. Co., Buffalo, and the Northwestern Consolidated Mlg. Co., Minneapolis.

Chicago, Ill.—It is with pardonable pride that W. H. Salisbury & Co. announce recent sales of "Salisbury" Solid Woven Rubber Beltings to the Itasca Elevator of Duluth, Minn., and to the Kankakee Elevator of Kankakee, Ill. Both orders are from concerns who already have Salisbury Belting in use, and know of its adaptability to grain conveying and elevating.

New York City.—Charges of fraud were recently made in connection with the reorganization of the Allis-Chalmers Co. Certain of the stockholders have filed an action, asking that a receiver be appointed for the new corporation, declaring the acquisition of the old concern by the new one, was a fraud on the holders of the first mortgage bonds issued by the old company.

Shelbyville, Ind.—The new Plant of the Kennedy Car Liner & Bag Co. has been completed and the move made into the new and commodious quarters. Probably not until the millennium will we regularly have railway cars in fit condition for the transportation of grain, and so the increased capacity of the Kennedy plant will be a great boon to the rapidly growing class of grain shippers who find it profitable to safe-guard their grain in transit.

When Mark Twain in his early days was editor of a Missouri paper, a superstitious subscriber wrote him saying that he had found a spider in his paper, and asking him whether that was a sign of good or bad luck. The humorist wrote him this answer and printed it: "Old Subscriber: Finding a spider in your paper was neither good luck nor bad luck for you. The spider was merely looking over our paper to see which merchant is not advertising, so that he can go to that store, spin his web across the door and lead a life of undisturbed peace ever afterwards."

New York City.—A notable feature of the Plant of the new South Works of the J. I. Case Threshing Machine Works, Racine, Wis., is the roofing of Asbestos, and Trinidad Lake Asphalt, manufactured by the H. W. Johns-Manville Co. The manufacturers claim that because of its all-mineral composition, this roofing can not rot, rust nor deteriorate, never requiring painting, and proof against the action of chemical fumes, sparks and burning brands. These latter qualities ought to especially interest owners of grain elevators, with unprotected roofs exposed to the danger of sparks from passing locomotives. An interesting booklet describing this roofing in detail will gladly be sent to readers of the Journal, upon request to the H. W. Johns-Manville Co.

New Kennedy Car Liner Plant.

The Kennedy Car Liner & Bag Co., Shelbyville, Ind., recently began operating its new plant, housed in a building 250 ft. square of brick and mill construction with a cement floor and saw-toothed roof covered with Johns-Manville asbestos roofing.

The company began business in 1909 in one of the upper floors of G. W. Kennedy's mill at Shelbyville. Mr. Kennedy, after suffering serious losses thru leakage of grain in transit, devised the paper car

liner. He patented it, and, concluding that it would also prove a money-saver to other grain dealers, he began manufacturing it as a side-line. The business grew with astounding rapidity, doubling every year; and the company had difficulty renting buildings suitable for its purpose.

The company also manufactures paper covers for a large variety of purposes. It is now the largest purchaser of wide paper in this country. Several railroads have begun purchasing Kennedy Car Liners, and this business, it is anticipated, will develop very rapidly.

The officers are Fred W. Kennedy, pres., B. F. Swain, vice-pres., P. G. Hunter, sec'y, and Earl Wilkes, superintendent.

THE GRAIN DEALERS Journal is very instructive and has given perfect satisfaction.—W. A. Galbraith, mgr., Oyens Co-Operative Co., Oyens, Ia.

THE FARMER stopped seiling and hauling corn owing to impassable country roads and the imminence of spring farm work and immediately the 433,000,000 bushel shortage as revealed in recent Government figures began to be felt in tightening cash demand east and west. Locally the demand has been slow in starting, but with the fact that Chicago possesses the only large commercial stock of corn in this country it seems inevitable that Eastern and Western demand will meet here and compete until the farmer unlocks his cribs again, which will likely not be until June.—Finley Barrell & Co.

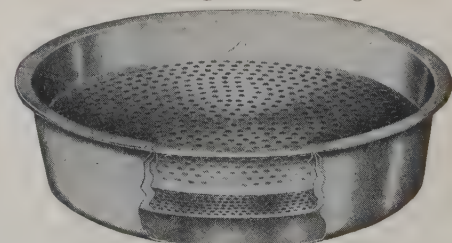
Sieve for New Corn Grades.

The federal corn grades which go into effect July 1 specify certain maximum percentages of cracked corn, finely broken corn, and foreign material that may be contained in corn of the various grades. Rules 8 and 9 of the grades as promulgated specify the kinds of sieves which must be used for determining these percentages.

To supply the need for such sieves, the Hess Warming & Ventilating Co. has brot out the compact device shown in the accompanying illustration. This consists of three pans fitting one into the other, the two top pans being perforated. The uppermost pan is perforated as required by Rule 9 so as to separate out the whole corn and permit everything else to drop thru to the second pan. This pan is perforated as required in Rule 8 to separate out the finely broken corn and permit the foreign material to pass thru to the bottom pan, which is not perforated.

By this device, the grain dealer is able to determine the percentages of whole corn, cracked corn, and foreign material in a single operation. After the new rules go into effect, the sieves specified will be essential in order to grade corn. The Hess device is an attractive and durable device, made of spun brass, and the time it saves on each operation will rapidly repay the grain dealer for its cost.

Full information will be gladly supplied readers of the Grain Dealers Journal by the Hess Warming & Ventilating Co.



Sieves for Grading Corn Under New Grades.

CROP IMPROVEMENT.

THE ST. LOUIS MERCHANTS EXCHANGE recently appropriated \$2,000 for the crop improvement com'te of the Council of Grain Exchanges.

TESTED or "Guessed It" seed—which are you going to plant? This is the heading of an appeal to the farmers issued by the Missouri State Board of Agriculture Mar. 17, urging them to test their seeds.

LISTS of those having locally-grown seed grain for sale have been prepared by C. F. Prouty, sec'y, Oklahoma Grain Dealers Ass'n, to assist farmers suffering from crop failures to obtain acclimatized seeds.

THE LYBECK GRAIN Co., Tuttle, N. D., quickly disposed of the carload of Marquis seed wheat it purchased. The promptness with which the farmers purchased this seed proves their interest in the better farming movement.

OVER 50,000 SEED report blanks were sent out by the crop improvement com'te and members of the Council of Grain Exchange to find out what counties had a surplus and what counties a shortage of seeds. As the reports of seed shortages are received, the information is sent to seedsmen and the seed-surplus counties.

FARMINGTON, MINN., will hold a four-day farmers chautauqua in June, at which agricultural subjects and community improvements will receive the most attention. A preliminary meeting to arrange the program will be held Mar. 28. James J. Hill and Bert Ball will be among the speakers. An endeavor will be made to establish a permanent country crop improvement ass'n.

RAG DOLL and blotter testers are being sold in much larger quantities this year than last by the Crop Improvement Com'te of the Council of Grain Exchanges. Many hundreds of these testers are being made under instructions sent broadcast by the com'te. This great increase in their use proves their success in giving the farmer and seed handlers a certain report on the viability of their seed.

THE BETTER-SEED SPECIAL TRAIN which toured Wisconsin under the auspices of the Milwaukee Chamber of Commerce and others met with great success. From 600 to 1,200 farmers attended daily. Harry A. Plumb, sec'y of the Chamber, addressed the farmers on the functions of a grain exchange. The train stopped at Wausau, Neillsville, Black River Falls, Elroy, Baraboo and Madison. The tour lasted from Mar. 10 to 21.

A COMMUNITY SEED HOUSE, where the farmers in the community may deposit their seed grain or purchase for their requirements, is the latest development of the county farm bureau plan. The seed house will be located usually on the farm of the county agent and will handle only seeds that meet the country standards. It is believed that, in this way, all farmers will in time be induced to plant only standardized seeds. The seed house is intended only to supply seeds to the farmers in its county; and, while the surplus seed will be disposed to outside parties, the seed house will not engage in a general seed business nor will it compete with existing seedsmen. The Tazewell County Reed's Yellow Dent Seed Corn Society is formulating plans for establishing a community seed warehouse at Pekin, Ill.

THE AGRICULTURAL appropriation bill, carrying \$19,000,000, was passed by the House of Representatives Mar. 14.

Liverpool Establishes Seed Oil Exchange.

To provide facilities for future trading in cottonseed oil, linseed oil and similar articles, the Liverpool Seed, Oil and Cake Trade Ass'n recently established a clearing house. The Ass'n has also organized an insurance company, known as the Oil Seed and Produce Clearing House Insurance Co., Ltd. This company guarantees all contracts registered at the Clearing House to the extent of \$10 per ton.

The rules and regulations of the new exchange make the membership fee \$5.36 per annum. The applicant must also purchase one share in the insurance company.

The Liverpool exchange is the second cottonseed oil futures market in the world, the other one being at New York. The Liverpool dealers believe that the establishment of the exchange will greatly increase the amount of this business at Liverpool, as it will create for buyers and sellers a ready market and a safe one, as all contracts are insured.

After the exchange has been operating for a few months, additional commodities of like nature will be included.

Books Received

WHEAT VARIETIES AND STRAINS IN SOUTH DAKOTA, by A. N. Hume and Manley Champlin, gives the eight species of wheat with illustrations showing the characteristic features of each. Experiments at the four sub-stations indicate that for most of South Dakota durum wheat is the heaviest producer, closely followed by red life. Bearded red life made a poor third; and beardless life was the poorest producer. Bulletin No. 146, 296 pages, South Dakota Experiment Station, Brookings, S. D.

HOW TO BUILD UP FURNACE EFFICIENCY, by Jos. W. Hays, combustion engineer, tells why, how, and where fuel is wasted in firing a boiler. The book is written in simple, non-technical language for the benefit of the man who has to pay the coal bill. When it is considered that 98 per cent of the heat in coal is wasted, half of it thru preventable causes, the importance of stopping these wastes, even in a small plant, is apparent. Mr. Hays' book was written for that purpose.—Paper covers, 126 pages, \$1; Jos. W. Hays, Rogers Park, Chicago.

THE GREATEST evil in the grain trade in Utah and Idaho is that wheat is not graded and is not sold on general market quotations.—M. H. Ellison, sec'y-treas., Layton Milling & Elevator Co., Layton, Utah.

ON THE CEREAL LINE.



Sandy—"De paper says dat a great many of de Wall street chaps are heads over heels in wheat."

Cinders—"Yer don't say! Dey must be riding in de grain cars like we are."

EVERY ELEVATOR

should be provided with a HESS GRAIN DRIER, a HESS MOISTURE TESTER, and a set of HESS CORN SIEVES, so as to be ready to comply with the new

FEDERAL Corn Rules

which will take effect July 1st. We are sending copies of these Corn Rules on request, on large placards for office walls, and a small vest pocket edition on heavy celluloid. These are free, and we would like to send you one so you may get posted.

After July 1st the moisture in corn will be measured and corn will be graded accordingly. You should be able to **control** the moisture, and to **measure** it so you may **KNOW** just what your grade is. There will be no "favored markets," for the regulations include the whole United States.

This is a good time to look the matter up and get ready. We will be glad to supply you any information you may require.

HESS WARMING & VENTILATING CO.

907 Tacoma Building, CHICAGO

Supreme Court Decisions

Arbitration.—Arbitrators may, with the consent of the parties, dispense with any evidence and determine the case on the unsworn statements of the parties.—*Karapschinsky v. Rothbaum*, Kansas City Court of Appeals, Missouri, 163 S. W., 290.

Lost B/L.—Under Uniform Bills of Lading Act (St. 1910, c. 214) § 17, a consignee of goods is entitled to a delivery upon proof that the B/L was lost.—*Voghel v. New York, N. H. & H. R. R. Co.* Supreme Judicial Court of Massachusetts, 103 N. E. 286.

Landlord's Lien.—Under the statute as construed, a landlord has a lien on the crops for advances made to the tenant, whether the agreement under which the advances are made be written or oral.—*Nexsen v. Ward*, Supreme Court of South Carolina, 80 S. E. 599.

Division of Bulk Corn Between Different Owners.—Where goods intermingled are of equal value and as quantities of corn in the shuck are approximately homogeneous, the several owners thereof are entitled to their aliquot part of the whole.—*Willard v. Cox*, Court of Appeals of Alabama, 63 South, 781.

Stoppage in Transit.—One selling goods on credit has the right of stoppage in transitu after the goods are delivered to the carrier, warehouseman, etc., for delivery to the buyer, upon discovering the buyer's insolvency.—*Monaghan Mills v. Gilreath Mfg. Co.* Supreme Court of South Carolina, 80 S. E. 194.

Landlord's Lien.—A landlord's lien for unpaid rent of land would be superior to a crop mortgage executed by the tenant, and hence would not be affected by a decree foreclosing such mortgage, so that the landlord should not be joined in such suit.—*West v. Henry*, Supreme Court of Alabama, 64 South, 75.

Limitations of Carrier's Liability.—While the carrier may limit, by the rate paid, its liability for the loss of the article shipped, there must be the assent of the shipper to the terms of the contract, which assent the carrier has the burden of showing.—*Irby v. Southern Exp. Co.* Supreme Court of South Carolina, 80 S. E. 613.

Measure of Damages for Breach of Contract.—On breach of a contract to sell and deliver 25,000 pounds of hops at 30 cents, where it was found that the fair market value of hops at the place and time of delivery was 40 cents, the buyer was entitled to damages in the sum of \$2,500.—*Loewi v. Long*, Supreme Court of Washington, 136 Pac. 673.

Suit for Loss of Goods.—A B/L is not an instrument for the payment of money within Code 1907, § 2489, requiring suits upon such instruments to be prosecuted in the name of the party really interested, and hence the consignor may sue on a B/L tho he was not the owner of the goods lost in transit.—*Southern Ry. Co. v. Brewster*, Court of Appeals of Alabama, 63 South, 790.

Error in Quoting Price.—At a time when the market price of millet seed was \$2.35 per hundredweight defendant wrote plaintiff, offering to sell between 700 and 800 bus. at \$1.35, and plaintiff wired reply, "We accept your letter, 17th. Ship quick." The price quoted was a clerical error, and on discovery defendants refused to ship. Both parties were in the wholesale and retail grain and seed business and knew the market value of the seed at the time the offer was made. Held, that there was no meeting of minds and plaintiff was not entitled to recover for breach of contract.—*Barteldes Seed Co. v. Bennett-Sims Mill & Elevator Co.* Court of Civil Appeals of Texas, 161 S. W. 399.

Carrier's Liability.—That a consignor of goods to himself as consignee sold the goods on arrival at destination at a specified sum per pound did not deprive him of a right to recover for a loss of goods in transit, though he directed delivery to his buyer and delivered the B/L to him, since the buyer was liable only for the goods actually delivered.—*Almon v. Chicago & N. W. Ry. Co.* Supreme Court of Iowa, 144 N. W. 996.

Effect of Confirmation by Principal.—In an action for broker's commissions in the sale of feedstuff manufactured by defendants, plaintiff was not required to prove that his customers were ready, willing, and able to buy under the terms proposed, where defendants on being notified of the sales wrote letters to the purchasers and to plaintiff confirming the same.—*E. R. & D. C. Kolp v. Brazer*, Court of Civil Appeals of Texas, 161 S. W. 899.

Discrimination in Car Supply.—Where a carrier refuses to supply a shipper with cars, though it has a surplus stored on its tracks and always has an adequate supply under normal conditions and no abnormal conditions exist, and is at the same time guilty of gross discrimination in favor of other shippers, it is liable for the resulting damages.—*Sonman Shaft Coal Co. v. Pennsylvania R. Co.*, Supreme Court of Pennsylvania, 88 Atl., 746.

Carrier Liable for Delivery to Notify Party.—Where plaintiff shipped hay under shipper's order Bs/L with draft attached, which he discounted with his banker, a delivery of the hay by the ultimate carrier to the person designated in the bills to be notified, without surrender of the bills or payment of the draft, constituted a conversion of the hay by the carrier.—*Woolston v. Southern Ry. Co.*, St. Louis Court of Appeals, Missouri, 160 S. W., 1023.

Weight of Hay in Stack.—Where plaintiffs purchased a stack of hay from defendant on an estimated tonnage basis, with an agreement to adjust differences in weight after the hay had been removed and weighed, the burden was on plaintiffs claiming an abatement for shortage in quantity to prove the difference between the amount of hay in the stack and that for which they paid.—*Reed v. McDonald*, District Court of Appeal, California, 136 Pac. 506.

Collection of Draft.—Where the drawer of a draft deposited it for collection in a bank located remotely from the place of payment, he thereby authorized such bank to employ another reputable bank located near the place of payment to collect it, and such collecting bank became the agent of the drawer, and the receiving bank was not liable unless the money came actually into its hands.—*Stone's River Nat'l Bank v. Lerman Milling Co.* Court of Appeals of Alabama, 63 South, 776.

Shipper Can Recover Difference Between Carrier's and Commission's Rate.—Where the Railroad Commission found that the rate charged plaintiff by defendant railroad company was unreasonable, and therefore unlawful, plaintiff was not required to prove damage in order to recover reparation consisting of the difference between the rate charged and that fixed by the Commission as reasonable.—*Illinois Cent. R. Co. v. Paducah Brewery Co.*, Court of Appeals of Kentucky, 163 S. W., 239.

Exchange Dealings.—Where a broker, who was a member of the Board of Trade operating under rules authorizing members to act as brokers between other members only, except in the making of contracts between members and authorized agents of carriers, or insurance or banking companies in connection with their legitimate business, negotiated contracts of sale or purchase with another member, who disclosed the buyer or seller, and the contracts were confirmed, the contracts were the broker's own contracts, and not for the benefit of his customers not members, though the broker issued to each customer an instrument in the form of a confirmation of the contract of sale or purchase on his account.—*Coles v. Morrow*, Supreme Court of Tennessee, 162 S. W. 577.

Board Memberships Taxable.—Rev. Laws 1905, § 794, providing that all real and personal property in this state and all personal property of persons residing therein, except exempt property, is taxable, means that all personal property of whatever nature not exempt from taxation shall pay taxes. Under this section a membership in the Duluth Board of Trade was properly taxed as personal property of the member.—*State v. McPhail*; *Rogers v. Hennepin County*, Supreme Court of Minnesota, 145 N. W. 108.

Limitation of Carrier's Liability.—Under act of Congress, known as the Carmack Amendment (Act June 29, 1906, c. 3591, § 7, 34 Stat. 593 [U. S. Comp. St. Supp. 1911, p. 1307]), declaring that no contract, receipt, etc., shall exempt such common carrier, railroad, or transportation company from the liability thereby imposed, a receipt of an express company limiting its liability to \$50, unless a higher value was placed on the goods by the shipper, was valid.—*Pacific Express Co. v. Krower*, Supreme Court of Texas, 163 S. W., 9.

Shipper Can Recover Invoice Price.—Under a provision in a B/L that the amount of any loss for which the carrier is liable shall be computed on the basis of the value of the property, being the bona fide invoice price, the shipper could recover the full value of the goods shipped, as shown by the invoice, in the absence of fraud in stating the value of the goods to the carrier at less than such value in order to procure a lower rate.—*Kansas City & M. Ry. Co. v. New York Cent. & H. R. R. Co.* Supreme Court of Arkansas, 163 S. W. 171.

Posting Tariffs.—Under the Interstate Commerce Act as amended by U. S. Comp. St. 1901, p. 3155, U. S. Comp. St. Supp. 1909, p. 1153, U. S. Comp. St. Supp. 1911, p. 1309, the freight rate of the interstate shipment is not that named in the B/L or contract of shipment, but the lawful rate existing at the time, whether or not such rate was known to the consignor and consignee, and regardless whether the parties were misled by the carrier as to the lawful rate, or whether it had posted the lawful rate as required by the statute; and hence the carrier cannot, by any act, estop itself from demanding the lawful rate.—*Central of Georgia Ry. Co. v. Birmingham Sand & Brick Co.* Court of Appeals of Alabama, 64 South, 202.

Damages for Carrier's Delay.—Where a car of melons shipped to G. by mistake was billed to B., so that when it reached G. it was put in the next train back to B., and the shipper paid the freight at G. to an agent who did not know that the car had been started back, and informed such agent of a sale on the siding, and as soon as the mistake was discovered the car was brought back to G. and tendered to the shipper but too late to enable the shipper to complete the sale, there was no "conversion" rendering the carrier liable for the value of the goods. In such case the shipper's only cause of action was one for damages for delay in delivery.—*Gulf & I. S. Ry. v. Blalock*, Court of Civil Appeals of Texas, 162 S. W. 1009.

"Hedging" Contracts Lawful.—Pen. Code 1911, art. 536, prohibits the dealing in futures of cotton, etc., and article 539 includes within that designation the purchase of cotton to be delivered in the future without intention of the purchaser that the cotton should be delivered, but article 543 permits it to be shown as a defense, in a prosecution for violating the statute, that the transaction was a "hedging" contract between a party in the state and parties without the state. Held, that persons doing business in Texas could lawfully hedge against loss on cotton bought by them by the sale through brokers of cotton futures in Liverpool, England, so that a telegram advising the brokers in England to hedge on behalf of such persons was not in furtherance of an illegal act; "hedging" contracts being where one buys certain cotton at the current price and sells an equal amount for future delivery, so as to protect himself from loss due to fluctuation in the market.—*Mackay Tel. Cable Co. v. Bain*, Court of Civil Appeals of Texas, 163 S. W. 98.

ALBERT DICKINSON CO.

Completing Its Plant.

Seven huge buildings, covering an area 420 ft. square, comprise the new seed and feed plant which the Albert Dickinson Company is building at 35th St. and California Ave., Chicago, Ill.

The tallest of the seven buildings, 80 by 120 ft. and 200 ft. high, will be used for handling bulk grain and seeds. Two buildings 80 by 120 ft. and six stories high will be devoted exclusively to timothy and clover seed. A three-story building 80 by 240 ft. will be used for manufacturing poultry feeds. Two buildings 80 by 240 ft., one two stories high and the other four stories high, will be used as general warehouses. Across the front of the plant extends a five-story building, 60 ft. wide and 420 ft. long. The first three floors will be used for warehousing and shipping purposes. The fourth floor will be occupied by the office forces, and the fifth floor will be occupied by an employees' restaurant, rest room and sun parlors.

The plant is built of brick and concrete and meets the latest requirements of the underwriters, thereby obtaining an exceptionally low insurance rate. Automatic sprinklers are provided thruout.

The first building described, which will be used to handle bulk grain and seeds, is provided with three receiving tracks, each of which has a receiving sink capable of holding a carload of grain. An automatic device regulates the dumping of these pits in order to prevent mixing. These pits discharge to 36 in. belt conveyors, which in turn deliver the grain to two receiving legs having a capacity of 20,000 bus. per hour.

The equipment of the plant thruout is the best obtainable and of generous capacity. General Electric Co. motors are used for driving each machine separately. The Webster Co. furnished the elevator casings, bin valves, spouting, etc. The Imperial Belting Co. supplied Rexall belting for all of the elevators but one, which is equipped with the Stanley Belting Corporation's solid woven cotton belting. This belting is new to American elevator practice and has been installed as an experiment to find out how it stands up under this particular service. The St. Louis Cordage Mills furnished the American transmission rope required.

Three and a half miles of switch tracks have already been laid, and a mile and a half more will soon be added. This trackage will give a storage capacity of more than 300 cars. The switch tracks connect with the Pan Handle and the Chicago Junction Ry., a belt line connecting with every railroad entering Chicago.

The company owns or leases an area of 60 acres, giving it ample room for expansion. It was obliged to sell its old plant, located on the Chicago River at Taylor St., to make room for a new railroad station. Construction work is being pushed vigorously. Four of the buildings are completed and are being used now for storage purposes. The entire plant will be ready for occupancy on or before July 1.

Views showing the plant under construction and the architect's drawing of the completed plant are shown on pages 390 and 391 of the Journal for Mar. 10.

RURAL CREDIT Clubs in each township are urged by Benjamin Hennessey, sec'y, Oklahoma State Board of Agriculture, as a means for studying and working out a satisfactory system of farm credits.

Insurance Notes.

THE MICHIGAN MILLERS Insurance Co., Lansing, Mich., lost its office by fire recently. The maps and records of the company were in a vault and escaped damage. The office equipment lost was all insured.

THE KENTUCKY workingmen's compensation law, passed at the session of the legislature recently adjourned, provides that employers must pay an employee one-half his wages, not to exceed \$12 per week, while disabled, and fixes a scale of indemnities for injuries, that for death being \$3,750.

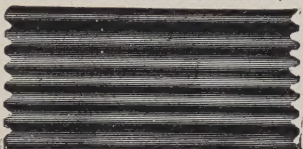
WESTERN GRAIN DEALERS MUTUAL FIRE INSURANCE ASSOCIATION

DES MOINES, IOWA

JAY A. KING, President GEO. A. WELLS, Secretary

Write for Information
Regarding Short Term Grain Insurance

GALVANIZED CORRUGATED Steel Siding, Roofing, Fireproof Window Frames, Sashes, &c



THE SYKES COMPANY, Chicago, Ill.
Sheet Metal Contractors, Makers of Fireproof
Windows. Write them if you are in the market now
or if you expect to be in the future. Contracts taken
anywhere in the United States.

TRI-STATE MUTUAL Grain Dealers Fire Ins. Co. of Luverne, Minnesota

Percentage of Premiums Returned Since
Organization

1903.....	96 per cent
1904.....	42 per cent
1905.....	26 per cent
1906.....	83 per cent
1907.....	85 per cent
1908.....	61 per cent
1909.....	5 per cent
1910.....	72 per cent
1911.....	35 per cent
1912.....	60 per cent
1913.....	35 per cent

E. A. BROWN, Pres. E. H. MORELAND, Sec.
V. E. BUTLER, V.-P. B. P. ST. JOHN, Treas.

INCORPORATED 1877

The Millers' Mutual Fire Insurance Association of Illinois

ALTON, ILLINOIS

Insures Elevators, Mills, Grain Warehouses and Contents
of same at Cost.

Insurance in Force \$18,433,615.45. Cash surplus \$473,253.91.

GEO. POSTEL, President G. A. McKINNEY, Secretary

HOME OFFICE: Alton, Illinois.

WESTERN DEPARTMENT: Mr. Rollie Watson, Mgr., 402 Sedgwick Bldg., WICHITA, KANSAS

SAFETY FIRST

MEANS

Sound limbs and health, a steady job and prosperity,
and is practical

FIRE PREVENTION

Our Motto has always been

"SAFETY AND SERVICE"

Millers National Insurance Co., Chicago, Ill.

Western Millers Mutual Fire Ins. Co., Kansas City, Mo.

Ohio Millers Mutual Fire Insurance Co., Canton, Ohio

Pennsylvania Millers Mut. Fire Ins. Co., Wilkes Barre, Pa.

Mill Owners Mutual Fire Insurance Co., Des Moines, Ia.

The Millers Mutual Fire Insurance Co., Harrisburg, Pa.

Texas Millers Mutual Fire Insurance Co., Ft. Worth, Tex.

Michigan Millers Mutual Fire Ins. Co., Lansing, Mich.

Grain Dealers National Mut. Fire Ins. Co., Indianapolis, Ind.

Our Mutual Fire Prevention Bureau at Oxford, Mich., can help you.

Patents Granted

Seed Corn Drying Rack. No. 1,089,810. (See cut.) Joseph Smith Bain and Benjamin Langford Bain, Cedar Rapids, Ia. This device consists of upright slats, notched to receive ear corn hangers.

Grain Door. No. 1,090,695. (See cut.) George W. Drake, Chicago, Ill. The car floor is recessed and the door jambs are provided with vertical slots extending from the floor upward. Straps overhang these slots. T-shanks are hinged to the grain door and engage the slots in the door jambs. T-heads engage the straps, which are provided with offset cams near their upper ends.

Seed-Grader. No. 1,089,433. (See cut.) Elam Alpheus Oliver, Belleville, Wis. This device consists of a casing, at the top of which is a hopper delivering the seed to a downwardly-projecting screen, which in turn delivers to a second screen. Beneath this lower screen is an inclined board having a partition beyond its lower end supporting the board. A removable receptacle receives the seeds discharged by the upper screen and a second receptacle is located under the second screen. A third receptacle receives the tailings from the inclined board.

Bucket Conveyor. No. 1,090,156. (See cut.) Myron A. Kendall, Aurora, Ill. The buckets of this conveyor are mounted on two sprocket chains, carried on sprocket wheels. Each of the buckets has a tripper cam and an arm projecting forward. A tripper is provided for turning the buckets completely around, the tripper consisting of a longitudinal rail provided with upstanding lugs adjacent its ends and recesses adjacent each of these lugs. The buckets are provided with overhanging lips and are so mounted that the action of the tripper in rotating one of the buckets also tilts the two adjoining buckets so as to cause their overhanging lips to clear.

Elevator. No. 1,090,670. (See cut.) Ervin H. Zimmerman, Perry, Ill. This machine consists of a fixed support, a dumping frame pivoted to the support, and means for swinging the dumping frame into a vertical position, consisting of two uprights near the fixed support and a shaft journaled in the uprights transverse to the dumping frame. Radial arms are fastened to this shaft, and levers are pivoted to the dumping frame at one end and to the free ends of the radial arms at the other. Each lever is extended beyond its pivotal connection with the arm and is provided with a device to limit the downward movement of the levers. Means are provided for oscillating the shaft.

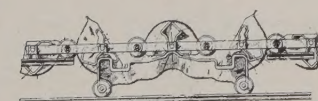
Sack-Holding Device. No. 1,090,160. (See cut.) Nicholas Marie, Peoria, Ill. This device consists of a frame having an open side to receive the sack, a rocking shaft extending between two of the frame portions at the back and having bell crank levers at both ends pivoted to the frame. A link connects each of these levers with one of the levers of the shaft. Each lever is provided with a member for holding the sack.

Seed-Tester. No. 1,090,251. (See cut.) Isaac L. Van Scholack, Sugar Grove, Ill. A transparent cabinet is provided with a removable tray rack, supporting seed trays. The seed trays consist of rectangular boxes having corrugated bottoms. Absorbent wicks lie in these corrugations; and an absorbent sheet covers the bottom of the tray and supports the seeds during germination. The cabinet is mounted on four legs and is heated by means of a lamp supported underneath.

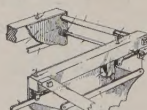
Adjustable Spout Holder for Car Loader. No. 1,090,291. (See cut.) Julius A. Engelhart, Minneapolis, Minn. This device consists of a supporting bracket, a main head swiveled to this bracket and a supplemental head swiveled to the main head for movement at right angles to the main head. A rod supporting the loading spout is connected to the supplemental head. Locking devices hold the main head tight to the bracket, the supplemental head tight to the main head, and the rod tight in the supplemental head.

Conveyor. No. 1,090,777. (See cut.) Harrison T. Clark, San Francisco, Cal. This device consists of a number of paddles journaled between their ends. Each paddle interlocks with its adjacent paddle so as to prevent any one of the paddles from tilting until the preceding one has tilted. All of the paddles when in locked position form a smooth, uninterrupted surface. A bar is mounted pivotally at a spaced distance from the paddles, the bar having a number of stop members, each of the paddles engaging one of the stop members. One of the paddles is provided with a device for moving the bar on its pivot and releasing the stop members.

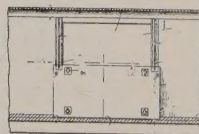
DURUM WHEAT production last year, according to the United States Department of Agriculture, in Minnesota, North Dakota and South Dakota, the three states which grow 95% of this crop, was 21,529,000 bus., compared with 34,561,000 bus. in 1912, and 16,024,000 bus. in 1911. Durum wheat gives a higher yield per acre than spring wheat, but sells for considerably less. In 1909 it averaged 2 bus. more than spring wheat but sold for 17c a bu. less and was, therefore, less profitable. Since 1909 the demand for durum has increased and the discount has grown smaller, until this year durum has frequently sold on a par with No. 1 hard spring wheat.



1,089,810.



1,090,160.



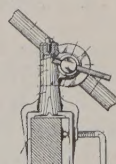
1,090,251.



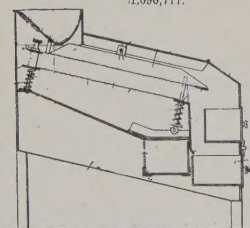
1,090,695.



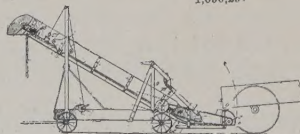
1,089,433.



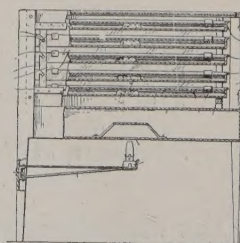
1,090,156.



1,090,670.



1,090,777.



1,090,291.

Feedstuffs

ONE THOUSAND tons of Argentine bran are reported to be en route to New York.

THE H. L. HALLIDAY MILLING CO., Cairo, Ill., recently began operating its feed mill.

THE ALFALFA MEAL & MILLING CO., Cherokee, Okla., has added molasses mixing machinery to its equipment.

THE ALFACORN MILLING CO., St. Louis, Mo., has registered the word "Alfocorn" as a trademark for its stock and poultry feeds.

ARTHUR T. PALMER, Detroit, Mich., has taken over the agency for J. J. Badenoch Co.'s feeds in eastern Michigan and western Ohio.

THE AVONDALE ALFALFA MILLING & ELEVATOR CO., Avondale, Colo., which was recently incorporated for \$30,000, has started to erect an alfalfa mill having a daily capacity of 80 tons.

WILLIAM ALTENBERND, St. Louis, Mo., was recently placed in charge of the feed department of the Dreyer Commission Co. For years he was in the feed business at St. Louis on his own account.

A COLD STORAGE WAREHOUSE for storing feeds has been opened at Columbus, O. The feedstuffs will be kept at a low, even temperature, tho not as low as that required for perishable goods.—C. C. J.

THE CHICAGO & EASTERN ILLINOIS R. R. in Supplement No. 1 to Tariff 6639-A establishes the rule that products of unlike grain, when their identity is preserved by bulkheads or otherwise, may be forwarded in mixed carloads against inbound billing for any one kind of grain represented in the mixed carload or entering into the mixture.

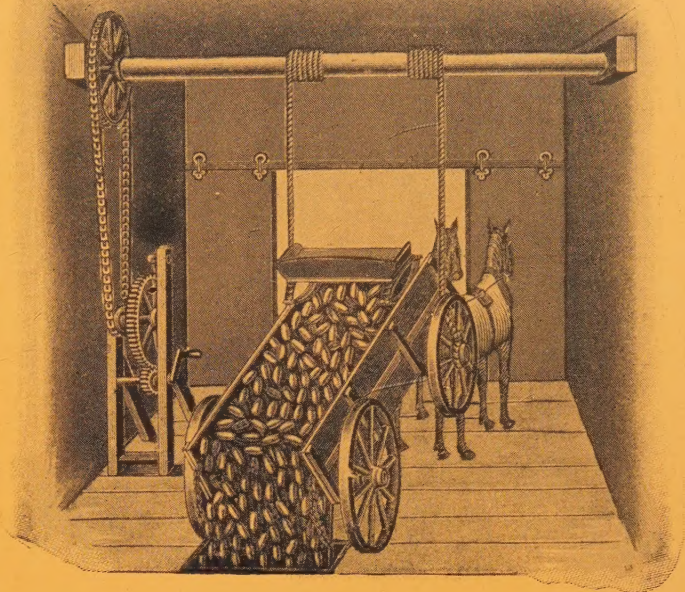
THE OFFICIAL CLASSIFICATION Com'te at its meeting Mar. 24 at New York City considered, among other matters, the proposal to have all poultry feeds made up of the following ingredients: wheat, buckwheat, oats, barley, cracked corn, sun flower seeds, green split peas and white kafir corn, take fifth class rates for L. C. L. shipments and sixth class rates for carload shipments, minimum weight 35,000 lbs. Under the present Official Classification, feedstuffs packed in glass or earthenware take first class when L. C. L. and third class when carload. Feeds not otherwise specified take fourth class rates for L. C. L. and sixth class when carload, minimum weight 35,000 lbs.—C. S. L.

CONGRESSIONAL investigation of trading in futures on the grain and cotton exchanges will be conducted by a sub-com'te of the Com'te on Rules of the House of Representatives, appointed Mar. 12, and consisting of Representatives Henry of Texas, Hardwick of Georgia, Cantrill of Kentucky, Lenroot of Wisconsin, and Kelly of Pennsylvania. Chairman Henry said "We will make a thoro study of the legal situation and facts regarding gambling or speculation, if you want to call it that, on the New York and New Orleans cotton exchanges, and the grain exchanges. The gambling in food products is one of the largest questions before Congress, and the committee believes the Baltimore platform promising a curb upon such speculation should be carried out."

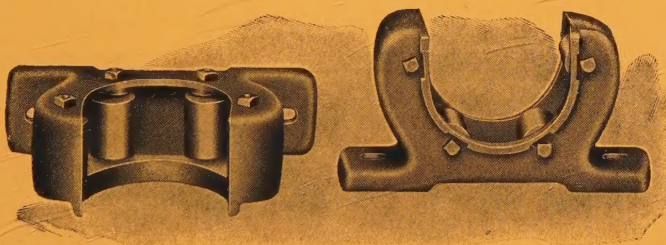
The Smith Wood Roller Overhead Wagon Dump

is simple in construction, requires little space in the driveway, takes up no room in your dump, can fill the dump to the floor, requires no blocking of wagon and does not break coupling poles.

Easily installed.

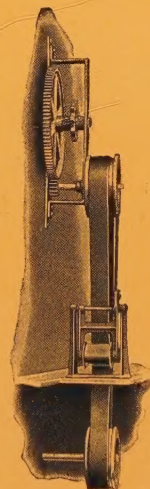


The Famous Smith All-Iron Overhead Wagon Dump



The Smith All Iron Overhead Wagon Dump is fitted with roller bearings like shown in above cut. Instead of a wood roller we use a 6-in. wrought iron pipe.

There is absolutely no binding of the roller in these bearings, which is a great advantage over the wood roller, as it is much easier to operate. The iron roller will last a lifetime as there is no wear on it.



Power attachments for Smith Overhead Wagon Dumps.

There are several ways of attaching power to overhead dumps, but the most satisfactory is same as shown in cut.

Write for Booklet fully describing

The Sidney Line
of Corn Shellers, Grain Cleaners, Chain Drag Feeders, Safety Man-lifts, Wagon Dumps, Elevating and Conveying Machinery.



The Philip Smith Mfg. Co.
SIDNEY, OHIO

Established 1859

Complete Stock at Enterprise, Kansas



Hotel Montrose

"The Grain Man's Home"

Cedar Rapids, Iowa

Headquarters
Western Grain Dealers Convention
April 9th and 10th.

MAKE YOUR RESERVATIONS EARLY

European Plan, \$1.00 per day and up
C. E. TAYLOR, Mgr.

The Drier of the Century

The ELLIS DRIER is supreme in its position as "THE DRIER OF THE CENTURY" because we have concerned ourselves with the idea of perfection rather than quantity production.

The following characteristics tell the story:

Double Pressure Air Application Return Air System
Woven Wire Cloth Construction
Continuous Feed Thin Grain Layers

Add to the above the fact that the new type ELLIS DRIER is perfectly self cleaning and the power required to operate the fan reduced 50 per cent and you have convincing evidence of superiority.

Grain
Driers

THE ELLIS DRIER CO.
Postal Telegraph Bldg.
Chicago

Oat
Bleachers

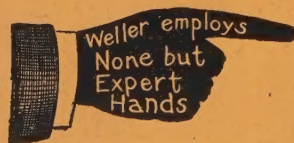
THE VALUE

OF AN ADVERTISEMENT

Depends upon placing it before the right persons. You can get your advertisements before the grain dealers of the country by using this space.

WELLER-MADE

SPIRAL CONVEYORS
ELEVATOR BUCKETS
BELT CONVEYORS
CAR LOADING SPOUTS
POWER GRAIN SHOVELS



Unusual care in manufacturing and high quality materials are two reasons why WELLER Machinery lasts so long and satisfies so well. Reducing handling costs in elevators and mills is our business.

Minimize your power-transmission costs by the use of WELLER equipment:

Rope Drives
Bearings
Gears

Friction Clutches
Shafting
Belting

Ask for No. 20 Catalog

WELLER MFG. CO., CHICAGO
New York Office: 50 Church Street

Another "DAY" Triumph

The big, new and "up to the minute"

Girard Point Elevator

recently designed and erected at Philadelphia, Pa., by the James Stewart & Co., is being equipped with a complete

DAY Dust Collecting System

Why? The answer is obvious. They desired the BEST, the most dependable. And the Day was chosen because of merit, because it does more and better work.

The
DAY
Company

1122 Yale Place,
Minneapolis, Minn.

Least back
pressure.
Storm and
spark proof.
Mechanical
superiority.
Ask us to
prove it.

